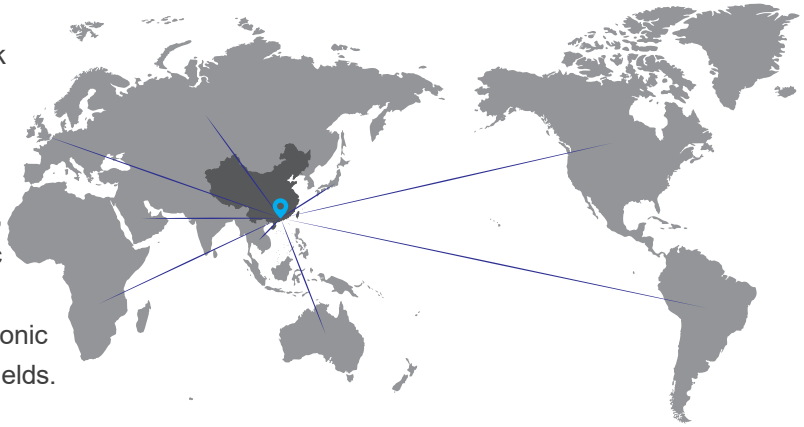
CAZN 正成

EXPERT IN INDUSTRIAL CONNECTION TECHNOLOGY

M SERIES CONNECTOR

BASED IN CHINA, SERVING THE WORLD

CAZN's product sales network and service network covers the world, and more than 65% products are exported overseas. The products are widely used in machinery manufacturing, lifting machinery, machine tools, papermaking equipment, motor control, elevators, robots, food and beverages, rubber equipment, ceramic machinery, printing and packaging, overmoulding machinery, textile machinery, logistics equipment, electronic manufacturing, petrochemicals, new energy and other fields.



Shenzhen CAZN Electronic Co Ltd is a professional enterprise focusing on industrial connection technology and a national high-tech enterprise. The company was established in Shenzhen in 2014. The company's products include European standard connectors, American standard connectors, waterproof connectors, RF connectors, Wiring harnesses and OEM/ODM business, providing customers with comprehensive professional connection solutions.

After years of development, excellent products, rich product lines and extremely high cost performance are becoming more and more popular with customers. In the environment of unmanned driving and Industry 4.0, CAZN products are widely used in wind power generation, high-speed rail, automobile manufacturing, smart transportation, smart manufacturing, etc., and gradually become the backbone of domestic industrial connectors. The company has passed ISO9001 system certification and implemented 6S management policy to effectively ensure product quality.

The company's sales network is gradually being built, and offices will be set up in major cities in China and more partners will be established around the world. The concept of "professional and dedicated to making every product" and the purpose of "highest quality and sincere service" for all the customers.

DIRECTORY

CONSULTING SERVICE

CAZN ELECTRICS PROVIDES YOU WITH A FULL RANGE OF SERVICES

We are happy to provide you with one-to-one professional consultation. Perfect after-sales system with professional service to every customer. Professional after-sales team, 24 hours dedicated service, according to the customer feedback, timely and effective response, a special document control center, for each customer file management, real-time tracking your needs.

Customised products, from pre-installation to engineering services.

ONLINE CATALOG SELECTION

We offer the most comprehensive and up-to-date catalogue online, covering more than 2,000 siti electronic products, available in Both Chinese and English. You can find related product information, such as technical parameters and size drawings, from the online catalog. You can download detailed product specifications in PDF format with a single click. Website for selection: http://www.caznlink.com/

CONSULTING SERVICE

Whether customers need product selection, solutions or after-sales service, we take the customer as the center, to the "highest quality, sincere service" for the purpose. We'll do our best to deal with inquiries and services in the fastest and most efficient way.

Wechat official account：caznlink

With the advent of the network era, especially the rise of the mobile network era, CAZN keeps pace with The Times and will share the latest cutting-edge technology, company trends and latest product information with customers.

FOLLOW PUBLIC ACCOUNT

QUALITY MANAGEMENT

STRICTLY IN ACCORDANCE WITH THE ISO9001 QUALITY MANAGEMENT SYSTEM

1

EXPERIENCED R&D TEAM

From connector research and development, mold making to production and processing, each link is controlled by senior engineers, and the whole team has rich experience in connector and wire harness processing.

2

HIGH QUALITY PRODUCTION EQUIPMENT

From hardware processing, assembly, welding, injection molding and testing, we purchase advanced production equipment and testing equipment to ensure the production of high quality products, low production defect rate requirements.

3

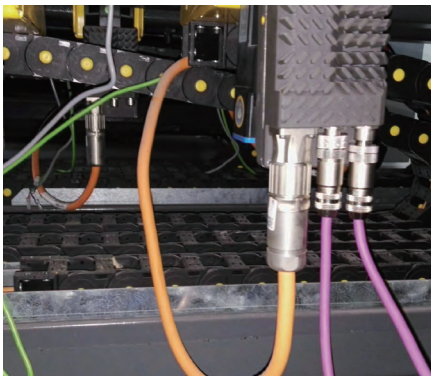
HIGH-QUALITY PRODUCTION PERSONNEL

With the rapid growth of business and the rapid growth of production personnel, we have also established a perfect pre-job training, on-the-job further education and other training systems, so as to create a group of high-quality production personnel.

APPLICATION CASES

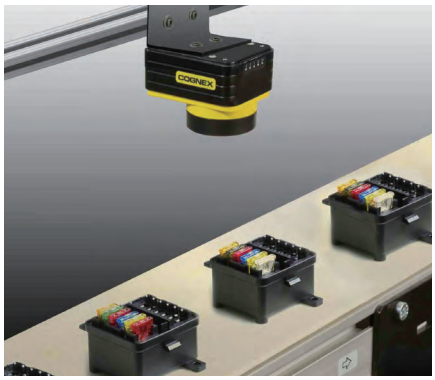
PROFESSIONAL FOCUS ON PROVIDING A VARIETY OF SIGNAL, DATA, POWER TRANSMISSION CONNECTORS

SERVO MOTOR



With the trend of networking and movement, the connection mode of servo motor is also upgraded, and the application of the connection demand of drag chain cable and high protection class is accelerated. The M12 A, D, X, S, T types and The M17, M23 series developed by CAZN meet the needs of various specifications of motors.

INDUSTRIAL CAMERA



The development of the Internet of Things I0T has promoted the rapid development of industrial cameras, which play a pivotal role in the industrial manufacturing and logistics industries. Harsh environment and ultra-high transmission requirements, CAZN developed the M12 connector to better solve the industrial camera connection.

WIND POWER GENERATION

The development and utilization of new energy, wind power and other fields have been developed rapidly in recent years. CAZN M12 network connector and MIL-C-5015 series sensor connection scheme are being developed to facilitate fan monitoring and remote network control.

DRIVERLESS

Drones, unmanned vehicles, patrol robots and unmanned boats have become more widely used in recent years, and the demand for RF antennas has increased. Spiral antennas, Rubber duck antennas and their harnesses are also widely used.

INDUSTRIAL 4.0

Industry 4.0 is mainly industrial networking process, wireless gateway, wireless equipment management, gvwidely used products are radio frequency antenna, mainly Rubber duck antenna.

SMART CITY

With the popularity of smart city, traffic intelligence, data collection and other industries have higher requirements for video transmission and data transmission.

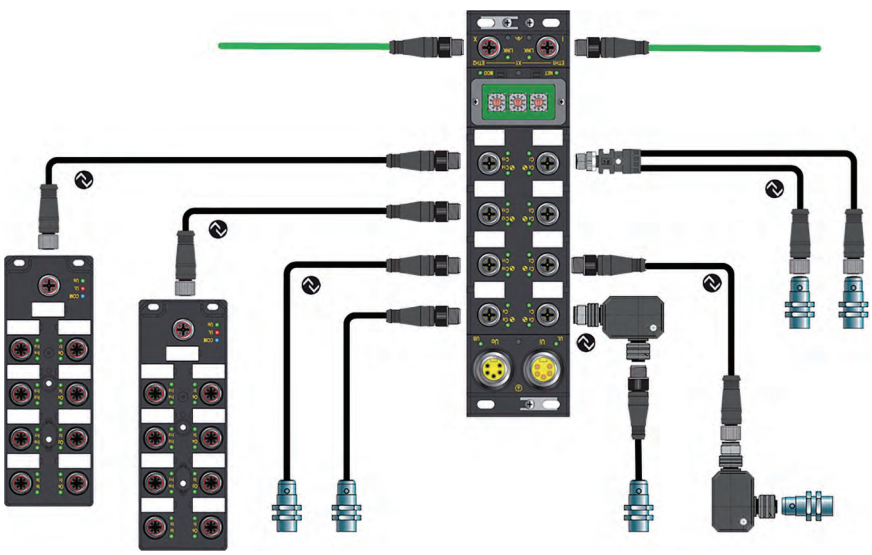
Traffic signals, video surveillance and other connectors and feeder cable have also been a large number of applications.

PROTOCOL INTRODUCTION

IO-LINK TECHNOLOGY

Standardized data interfaces are more and more widely used in industry to meet the distributed control of complex production systems and the increasing demand for rapid exchange of information and data. Different from the office field, the industrial environment applications put forward very strict requirements for connectors, connection technology and wiring, CAZN-LINK electric products have covered most of the current mainstream network bus protocol and field bus protocol products.

The series of products include assembly, prefabricated cable, through panel mount, PCB board and other types of installation solutions in all aspects.



Schematic diagram of I0-link connection technology

CONNECTIVITY TECHNOLOGY

CONNECTORS OR COMPONENTS FULLY MEETS THE CUSTOMER'S SPECIFICATIONS

Instructions for use: Connectors and accessories are not allowed to be operated with power on or with load under normal use.

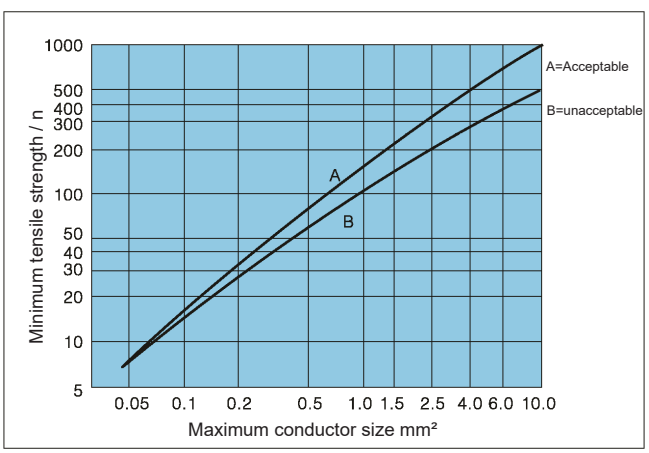
SCREW CONNECTION

- Screw connection is a detachable electrical connection between the guide wire, screw, and terminal. Designed according to DIN/EN 60999/VDE 0609.
- Wide range of applicable wire specifications, no special tools, can be operated on site.

Screw size	M2. 5	M3	M3. 5
Torque(Ncm)	40	50	60

CRIMP CONNECTION

- Crimp connection is to use crimping tools to physically twist wires and conductors together, is a non-detachable electrical connection. Connection requirements according to DIN IEC 60352 Part 2.
- Suitable for field wiring, high reliability, high connection density characteristics.



WELDING CONNECTION

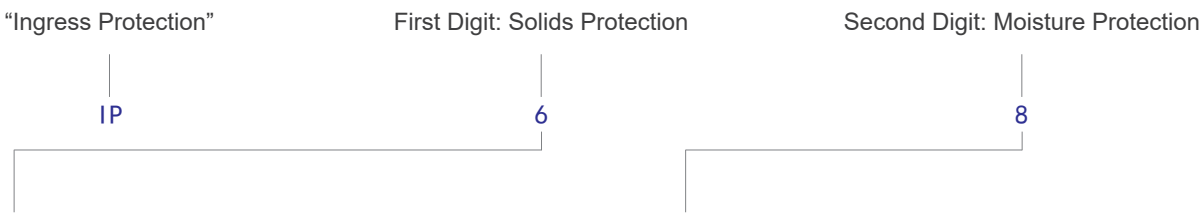
- Welding connections can be wired to conductors via electro-solder irons and welders, or connectors to printed circuit boards.Solder joints and accessories are tested and signed according to DIN EN 60068 part 2-20 operation.
- Suitable for prefabricated cable connection, printed circuit board, easy and fast operation, high pin density.

WATERPROOF RATING

PROFESSIONAL ANTI-SOLID PROTECTION AND IP WATERPROOF PROTECTION

The housing, seals and latching devices on the connector protect the electrical part of the connector from external environmental influences such as shock, foreign bodies, moisture, dust, water or detergents, coolants, oils and other liquids.

BELOW IS A LIST OF PROTECTION LEVELS



Protection Level	First Digit: Solids Protection
0	Not rated for protection against contact or ingress (or no rating supplied).
1	Protection against solid objects larger than 50 mm (e.g. accidental contact with any large surface of the body, but not deliberate body contact).
2	Protection against solid objects larger than 12 mm (e.g. accidental finger contact).
3	Protection against solid objects larger than 2.5 mm (e.g. tools).
4	Protection against solid objects larger than 1 mm (e.g. small objects such as nails, screws, insects).
5	Dust protected: partial protection against dust and other particulates (permitted ingress will not compromise the performance of internal components).
6	Dust tight: full protection against dust and other particulates.

Protection Level	Second Digit: Moisture Protection
0	Not rated (or no rating supplied) for protection against ingress of this type.
1	Protection against vertically dripping water. No harmful effects when the item is upright.
2	Protection against vertically dripping water. No harmful effects when tilted up to 15°from normal position.
3	Protection against water sprayed directly at any angle up to 60°off vertical.
4	Protection against splashing water from any direction. No harmful effects when tested for at least 10 minutes with an oscillating spray (limited ingress permitted).
5	Protection against low-pressure jets. No harmful effects when water projected in jets from 6.3 mm nozzle, from any direction.
6	Protection against powerful water jets. No harmful effects when water projected in jets from 12.5 mm nozzle, from any direction.
7	Protection against full immersion at up to 1 meter depth for up to 30 minutes. Limited ingress permitted with no harmful effects.
8	Protection against immersion beyond 1 meter. Equipment is suitable for continuous immersion in water. The manufacturer may specify conditions.

ORDERING RULES

NEW CUSTOM NUMBERING RULES

M12 - P 8 A - G W A P7 - 1 PV -S

Series：
M5, M8, M9, M12, M16, M623, M923, 7/8.ect

Male & Female：
P: Male coding S: Female coding

Contacts number：
2, 3, 4, 5, 6, 7, 8, 12, 14, 16, 17, 19, 21, 24 .ect

Coding：
A, B, C, D, K, L, M, S, T, Y, X .ect

Material quality：
G:Metal socket/plug
P:Plastic socket/plug
M:Molded plug

Connection：
W:Welding
P:Insertion
S:SMT
L:Screw
C:Crimping
T:Through-hole

Structure：
A:Straight plug
D:Angle plug/Right angle plug
B:Installation socket in front of the board
F:Installing sockets behind the board
H:Square flange socket
L:Curved pin socket
S:SMD socket
O:Terminal resistor plug

Shield：
-S: Shielded
Empty: Unshielded

Cable material：
PV:PVC
PU:TPU and PUR
TF:PTFE
PE:PE

Cable length：
In (M) meters

Tail outlet & Board and screw threaded：
08: φ 8mm
P7:PG7
M12:M12
.....ect

M5 Series

Pins number: 3-4 pins

Plug: The length of cable can be customized

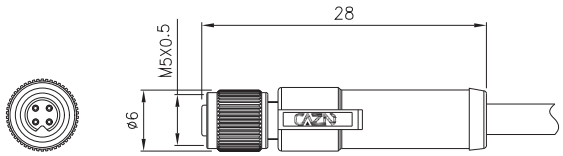
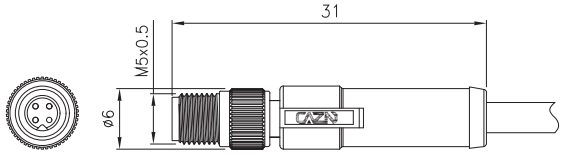
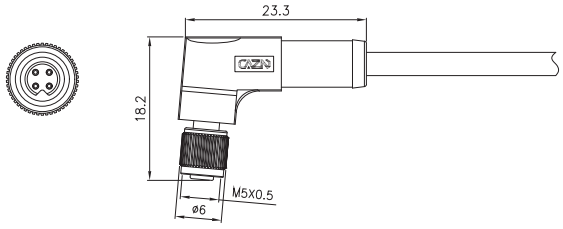
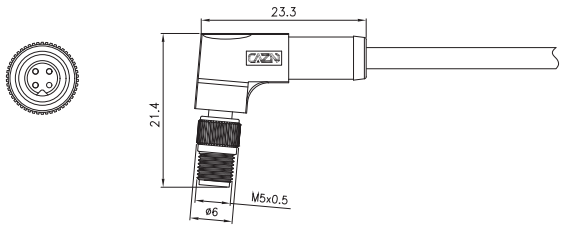
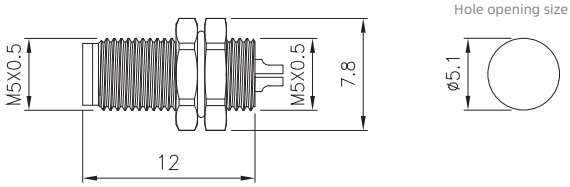
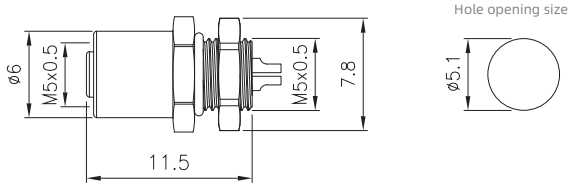
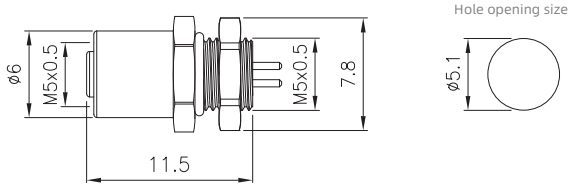
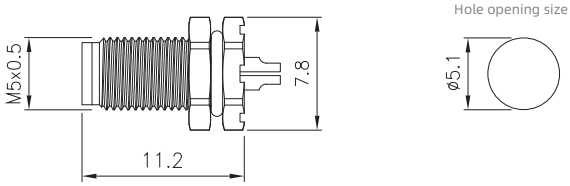
Socket: Front mount solder type, back mount solder type and PCB board type

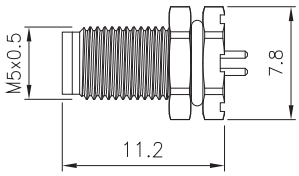
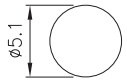
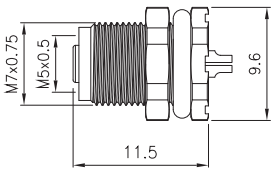
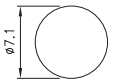
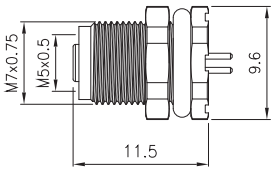
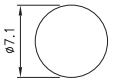
Waterproof grade: IP65 IP67

The products comply with IEC 61076-2-105 standard

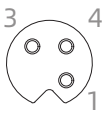
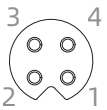
Product parameters

SHELL MATERIAL	Brass nickel plated	CONTACT IMPEDANCE	⩽3mΩ
SEALING MATERIAL	Epoxy resin / Rubber	DURABILITY	⩾500 Cycles
CONTACT MATERIAL	Phosphorus copper gold-plated Brass copper gold-plated	INSULATION IMPEDANCE	⩾100MΩ
INSULATOR MATERIAL	PA66	APPLICABLE TEMPERATURE	-25℃ ~ +85℃
MOLDING MATERIAL	TPU / PVC		

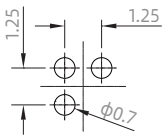
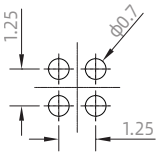
PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	M5 straight female overmolded plug M5 - S 3 - MWA - 1 PV Pins: 3 4 Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE	
	M5 straight male overmolded plug M5 - P 3 - MWA - 1 PV Pins: 3 4 Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE	
	M5 angled female overmolded plug M5 - S 3 - MWD - 1 PV Pins: 3 4 Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE	
	M5 angled male overmolded plug M5 - P 3 - MWD - 1 PV Pins: 3 4 Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE	
	M5 male front mount socket (Solder, Screw M5*0.5) M5 - P 3 - GWB M5 Pins: 3 4	
	M5 female front mount socket (Solder) M5 - S 3 - GWB M5 Pins: 3 4	
	M5 female front mount socket (PCB) M5 - S 3 - GPB M5 Pins: 3 4	
	M5 male back mount socket (Solder) M5 - P 3 - GWF M5 Pins: 3 4	

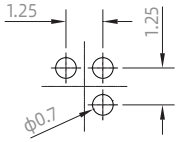
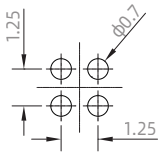
PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	M5 male back mount socket (PCB) M5 - P 3 - GPF M5 Pins: 3 4	 Hole opening size 
	M5 female back mount socket (Solder) M5 - S 3 - GWF M7 Pins: 3 4	 Hole opening size 
	M5 female back mount socket (PCB) M5 - S 3 - GPF M7 Pins: 3 4	 Hole opening size 

M5·ELECTRICAL PARAMETERS

No. of positions	Male coding	Ratedcurrent	Rated voltage		Conductor size		Female coding
			A/C	D/C	AWG	mm²	
3		1A	60V	60V	26	0.14	
4		1A	60V	60V	26	0.14	

M5·PCB PINS ARRANGEMENT

No. of positions	3	4
Male coding		

No. of positions	3	4
Female coding		

M5·WIRE DEFINITION

		Number of positions			
No. of positions	Coding	1	2	3	4
3-pin	A	BN		BU	BK
4-pin	A	BN	WH	BU	BK

* This wiring definition is for reference only.
For protocol-based configurations, consult our sales team.

M8 Series

Pins number: 3 4 5 6 8 pins

Most connectors are excellent for full shielding at 360 degrees

Plug: assembly, overmolded cable type (length can be customized at will)

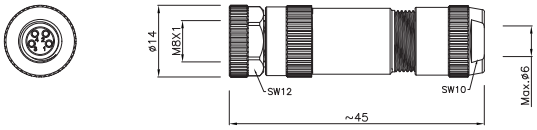
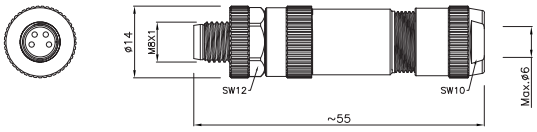
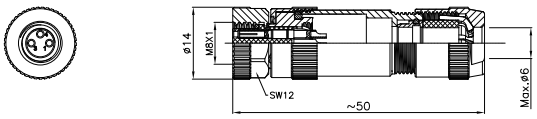
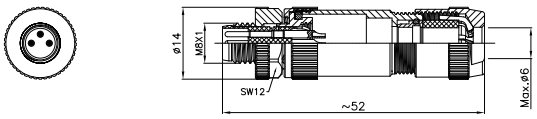
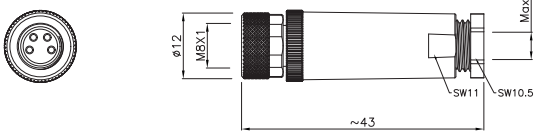
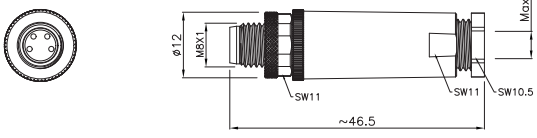
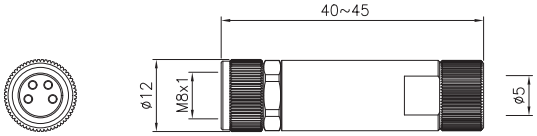
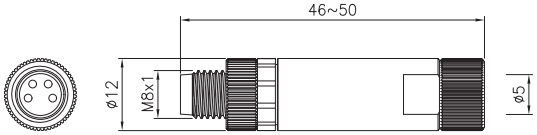
Socket: Front mount solder type, back mount solder type and PCB board type

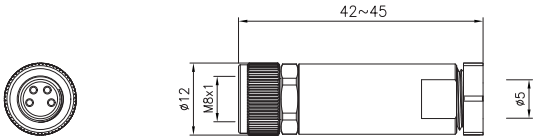
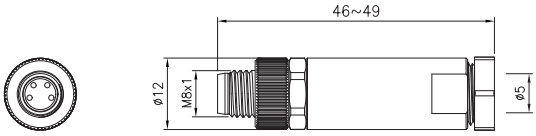
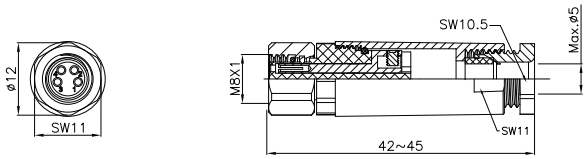
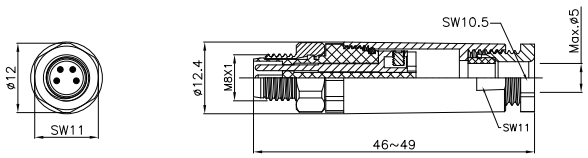
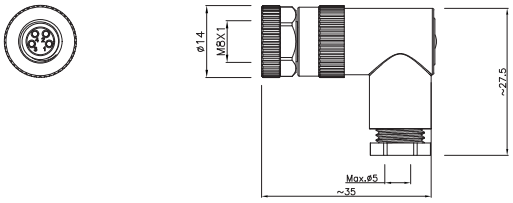
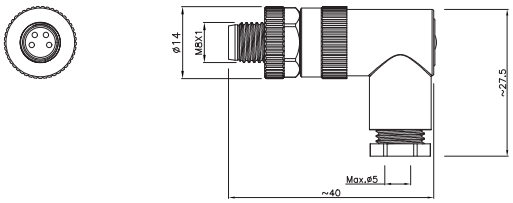
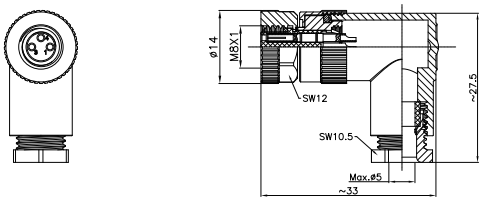
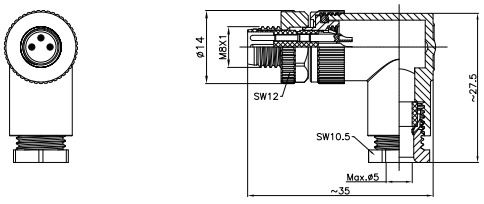
Waterproof grade: IP65 IP67

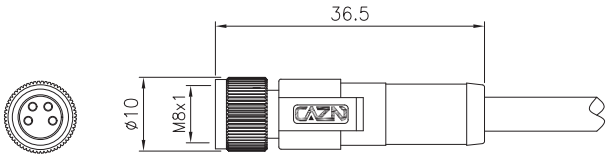
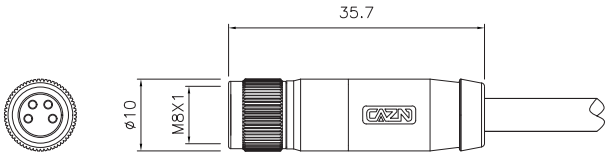
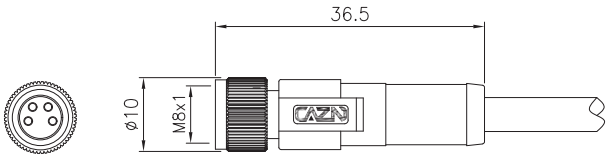
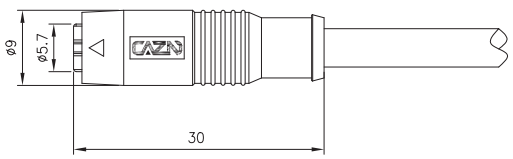
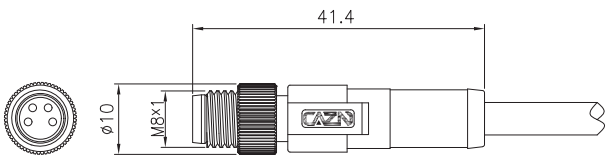
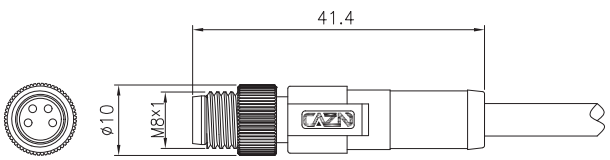
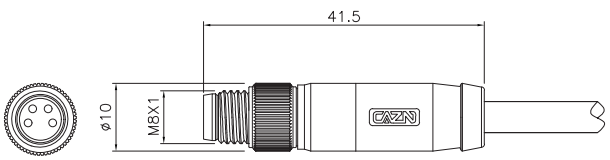
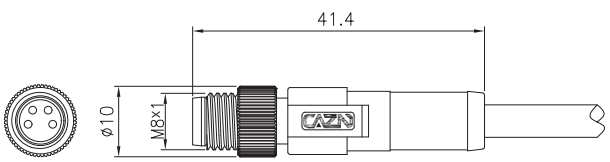
Products comply with IEC 61076-2-104 standard

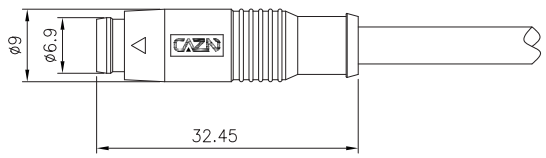
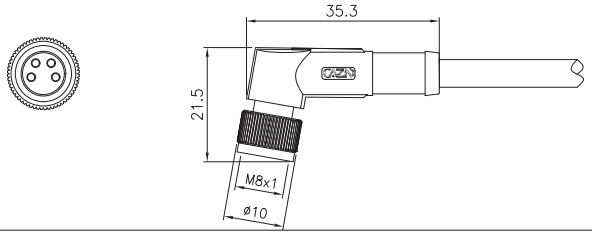
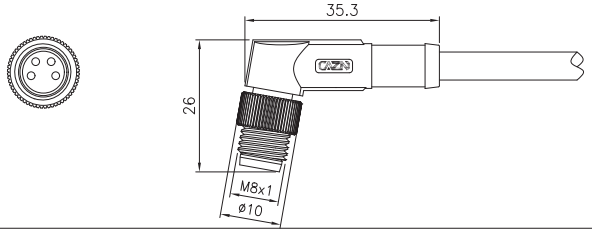
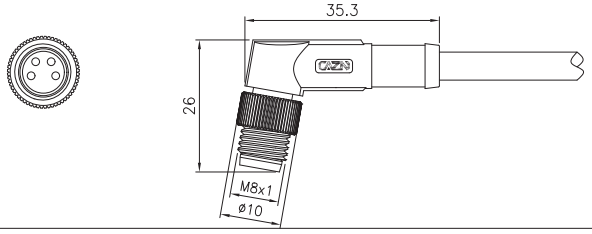
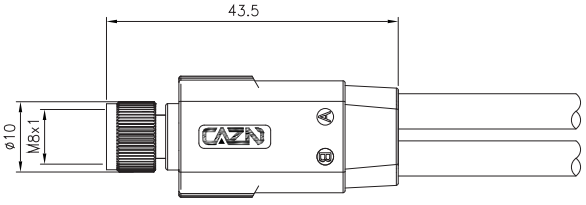
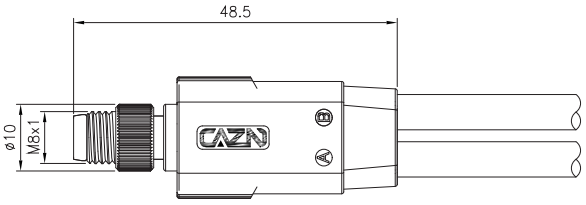
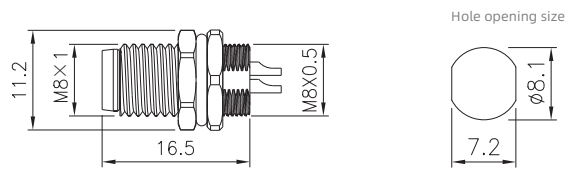
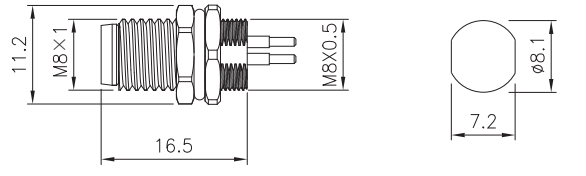
Product parameters

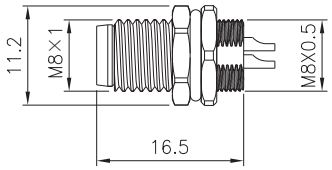
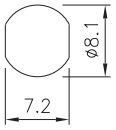
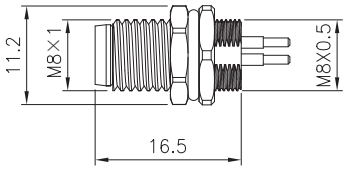
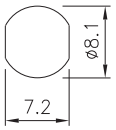
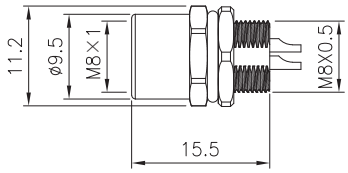
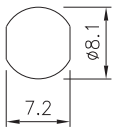
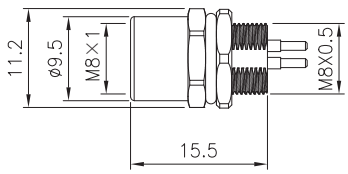
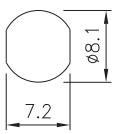
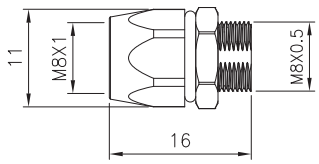
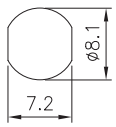
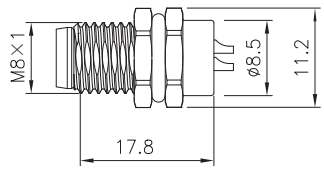
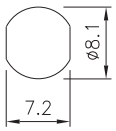
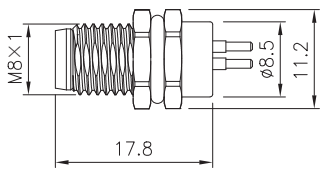
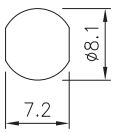
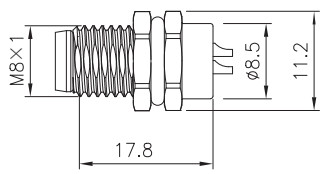
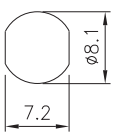
SHELL MATERIAL	Brass nickel-plated Zinc alloy nickel-plated	CONTACT IMPEDANCE	⩽5mΩ
SEALING MATERIAL	Epoxy resin / Rubber	DURABILITY	⩾500 Cycles
CONTACT MATERIAL	Brass Phosphorus copper gold-plated	INSULATION IMPEDANCE	⩾100MΩ
INSULATOR MATERIAL	PA66	APPLICABLE TEMPERATURE	-25℃ ~ +85℃
MOLDING MATERIAL	TPU / PVC		

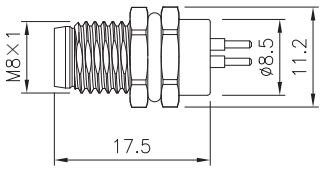
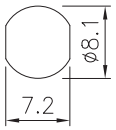
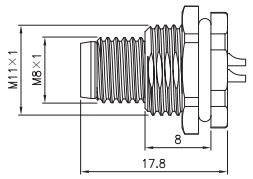
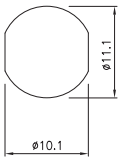
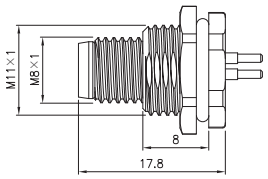
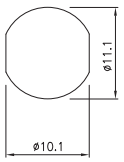
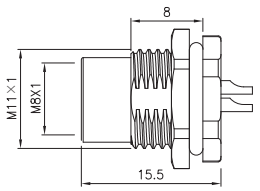
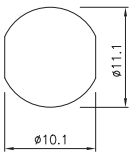
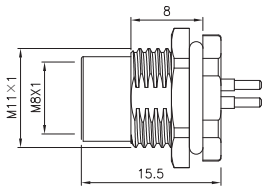
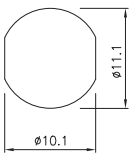
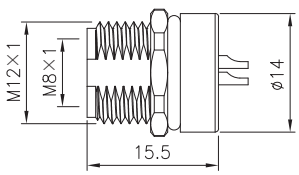
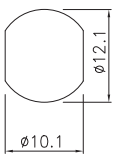
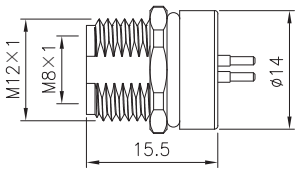
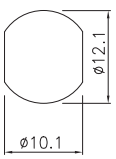
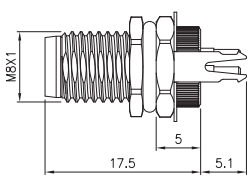
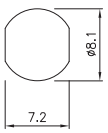
PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	M8 straight female metal assembled plug (Screw terminal) M8 - S 4A - GLA P7 Pins: A: 3A 4A	
	M8 straight male metal assembled plug (Screw terminal) M8 - P 4A - GLA P7 Pins: A: 3A 4A	
	M8 straight female metal assembled plug (Solder) M8 - S 4A - GWA P7 Pins: A: 3A 4A 6A 8A B: 5B D: 4D	
	M8 straight male metal assembled plug (Solder) M8 - P 4A - GWA P7 Pins: A: 3A 4A 6A 8A B: 5B D: 4D	
	M8 straight female plastic assembled plug (Screw) M8 - S 4A - PWA 05 Pins: A: 3A 4A 6A 8A B: 5B D: 4D	
	M8 straight male plastic assembled plug (Screw) M8 - P 4A - PWA 05 Pins: A: 3A 4A 6A 8A B: 5B D: 4D	
	M8 straight female plastic shell lock nut metal assembled plug (Screw) M8 - S 4A - PLA 05 - GM Pins: A: 3A 4A	
	M8 straight male plastic shell lock nut metal assembled plug (Screw) M8 - P 4A - PLA 05 - GM Pins: A: 3A 4A	

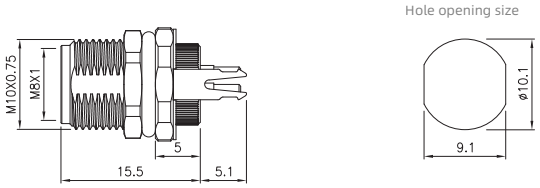
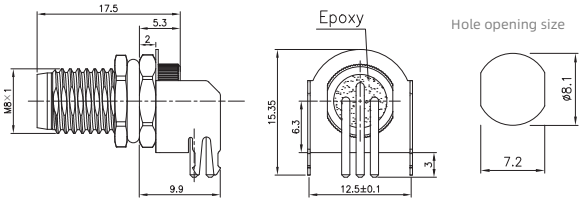
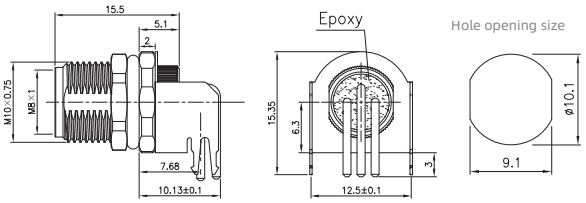
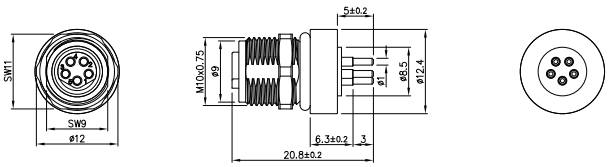
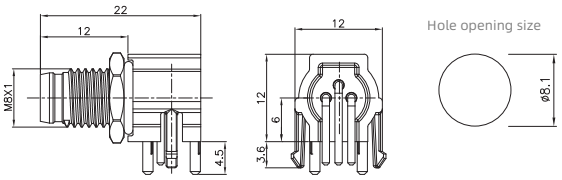
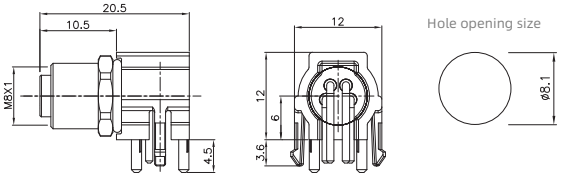
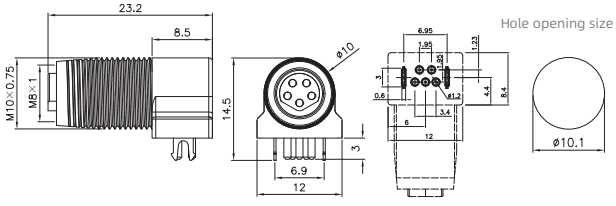
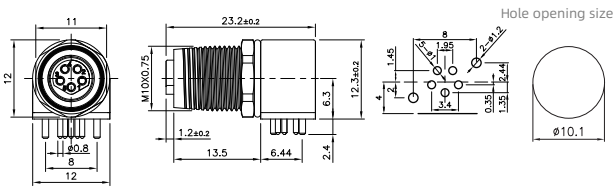
PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	M8 straight female plastic assembled plug (Screw terminal) M8 - S 3A - PLA 05 Pins: A: 3A 4A	
	M8 straight male plastic assembled plug (Screw terminal) M8 - P 3A - PLA 05 Pins: A: 3A 4A	
	M8 straight female plastic assembled plug (Stainless steel, Screw type) M8 - S 3A - PLA 05 - BXG Pins: A: 3A 4A	
	M8 straight male plastic assembled plug (Stainless steel, Screw type) M8 - P 3A - PLA 05 - BXG Pins: A: 3A 4A	
	M8 angled female plastic assembled plug (Screw) M8 - S 4A - PLD 05 Pins: A: 3A 4A	
	M8 angled male plastic assembled plug (Screw) M8 - P 4A - PLD 05 Pins: A: 3A 4A	
	M8 angled female plastic assembled plug (Solder) M8 - S 4A - PWD 05 Pins: A: 3A 4A 6A 8A B: 5B D: 4D	
	M8 angled male plastic assembled plug (Solder) M8 - P 4A - PWD 05 Pins: A: 3A 4A 6A 8A B: 5B D: 4D	

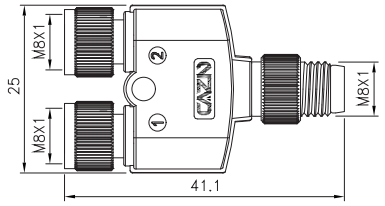
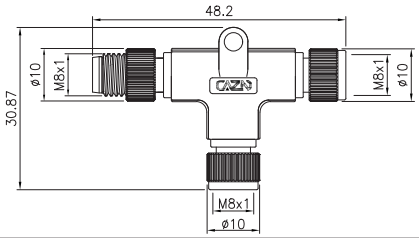
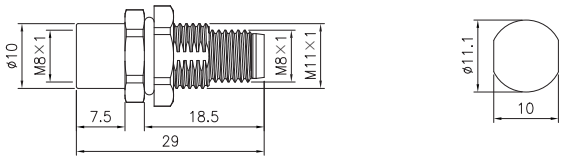
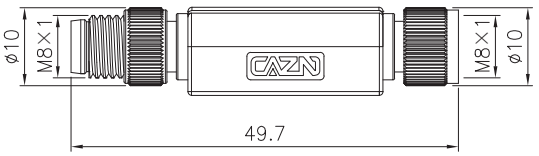
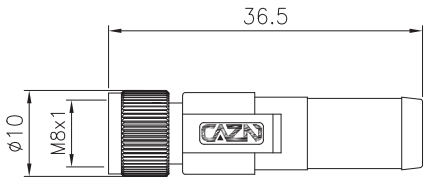
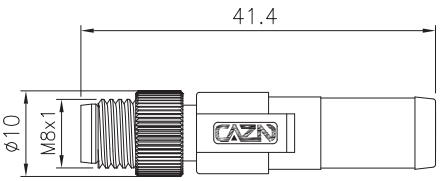
PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
Unshielded Shielded 	M8 straight female overmolded plug M8 - S 4A - MWA - 1 PV - S Pins: A: 3A 4A, 6A 8A; B: 5B; D: 4D Cable(M): 1:1M, 2.5:2.5M, ... Wire: PV:PVC, PU:PU, TF:PTFE, PE:PE S:Shielded, Empty:Unshielded	
Unshielded Shielded 	M8 straight female overmolded plug (Anti-vibration) M8 - S 4A - MWA - 1 PV - S - AM Pins: A: 3A 4A, 6A 8A; B: 5B; D: 4D Cable(M): 1:1M, 2.5:2.5M, ... Wire: PV:PVC, PU:PU, TF:PTFE, PE:PE S:Shielded, Empty:Unshielded	
	M8 straight female overmolded plug (LED) M8 - S 4A - MWA - 1 PV - LP2 Pins: A: 3A 4A Cable(M): 1:1M, 2.5:2.5M, ... Wire: PV:PVC, PU:PU, TF:PTFE, PE:PE LED: LP2: 2-PNP, LN2: 2-NPN, LP3: 3-PNP, LN3: 3-NPN	
	M8 straight female overmolded plug (Bayonet type) M8 - S 5B - MWA - 1 PV - KC Pins: A: 3A 4A, B: 5B Cable(M): 1:1M, 2.5:2.5M, ... Wire: PV:PVC, PU:PU, TF:PTFE, PE:PE	
Unshielded Shielded 	M8 straight male overmolded plug M8 - P 4A - MWA - 1 PV - S Pins: A: 3A 4A, 6A 8A; B: 5B; D: 4D Cable(M): 1:1M, 2.5:2.5M, ... Wire: PV:PVC, PU:PU, TF:PTFE, PE:PE S:Shielded, Empty:Unshielded	
Unshielded Shielded 	M8 straight male overmolded plug (Metal interface) M8 - P 5B - MWA - 1 PV - S - GK Pins: A: 3A 4A, B: 5B Cable(M): 1:1M, 2.5:2.5M, ... Wire: PV:PVC, PU:PU, TF:PTFE, PE:PE S:Shielded, Empty:Unshielded	
Unshielded Shielded 	M8 straight male overmolded plug (Anti-vibration) M8 - P 4A - MWA - 1 PV - S - AM Pins: A: 3A 4A, 6A 8A; B: 5B; D: 4D Cable(M): 1:1M, 2.5:2.5M, ... Wire: PV:PVC, PU:PU, TF:PTFE, PE:PE S:Shielded, Empty:Unshielded	
	M8 straight male overmolded plug (LED) M8 - P 4A - MWA - 1 PV - LP2 Pins: A: 3A 4A Cable(M): 1:1M, 2.5:2.5M, ... Wire: PV:PVC, PU:PU, TF:PTFE, PE:PE LED: LP2: 2-PNP, LN2: 2-NPN, LP3: 3-PNP, LN3: 3-NPN	

PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	M8 straight male overmolded plug (Bayonet type) M8 - P 5B - MWA - 1 PV - KC Pins: A: 3A 4A B: 5B Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE	
Unshielded Shielded 	M8 angled female overmolded plug M8 - S 4A - MWD - 1 PV - S Pins: A: 3A 4A 6A 8A B: 5B D: 4D Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
Unshielded Shielded 	M8 angled male overmolded plug M8 - P 4A - MWD - 1 PV - S Pins: A: 3A 4A 6A 8A B: 5B D: 4D Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
Unshielded Shielded 	M8 angled male overmolded plug (Metal interface) M8 - P 5B - MWD - 1 PV - S - GK Pins: A: 3A 4A B: 5B Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
Unshielded Shielded 	M8 female 1 to 2 overmolded plug M8 - S 4A - MWA - 1 PV - S - 1T2 Pins: A: 3A 4A 6A 8A B: 5B Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
Unshielded Shielded 	M8 male 1 to 2 overmolded plug M8 - P 4A - MWA - 1 PV - S - 1T2 Pins: A: 3A 4A 6A 8A B: 5B Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
	M8 male front mount socket (Solder, Screw M8*0.5) M8 - P 8A - GWB M8 Pins: A: 3A 4A 6A 8A B: 5B D: 4D	
	M8 male front mount socket (PCB, Screw M8*0.5) M8 - P 8A - GPB M8 Pins: A: 3A 4A 6A 8A B: 5B D: 4D	

PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	M8 male front mount socket (Solder, Screw M8*0.5, Metal interface) M8 - P 4A - GWB M8 - GK Pins: A: 3A 4A B: 5B	 Hole opening size 
	M8 male front mount socket (PCB, Screw M8*0.5, Metal interface) M8 - P 4A - GPB M8 - GK Pins: A: 3A 4A B: 5B	 Hole opening size 
	M8 female front mount socket (Solder, Screw M8*0.5) M8 - S 6A - GWB M8 Pins: A: 3A 4A 6A 8A B: 5B D: 4D	 Hole opening size 
	M8 female front mount socket (PCB, Screw M8*0.5) M8 - S 5B - GPB M8 Pins: A: 3A 4A 6A 8A B: 5B D: 4D	 Hole opening size 
	M8 female front mount socket (Solder, Screw M8*0.5, Bullet type) M8 - S 4A - GWB M8 - ZD Pins: A: 3A 4A 6A 8A B: 5B D: 4D	 Hole opening size 
	M8 male back mount socket (Solder, Screw M8*1) M8 - P 3A - GWF M8 Pins: A: 3A 4A 6A 8A B: 5B D: 4D	 Hole opening size 
	M8 male back mount socket (PCB, Screw M8*1) M8 - P 4A - GPF M8 Pins: A: 3A 4A 6A 8A B: 5B D: 4D	 Hole opening size 
	M8 male back mount socket (Solder, Screw M8*1, Metal interface) M8 - P 4A - GWF M8 - GK Pins: A: 3A 4A B: 5B	 Hole opening size 

PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	M8 male back mount socket (PCB, Screw M8*1, Metal interface) M8 - P 4A - GPF M8 - GK Pins: A: 3A 4A B: 5B	 Hole opening size 
	M8 male back mount socket (Solder, Screw M11*1) M8 - P 4D - GWF M11 Pins: A: 3A 4A 6A 8A B: 5B D: 4D	 Hole opening size 
	M8 male back mount socket (PCB, Screw M11*1) M8 - P 4A - GPF M11 Pins: A: 3A 4A 6A 8A B: 5B D: 4D	 Hole opening size 
	M8 female back mount socket (Solder, Screw M11*1) M8 - S 4D - GWF M11 Pins: A: 3A 4A 6A 8A B: 5B D: 4D	 Hole opening size 
	M8 female back mount socket (PCB, Screw M11*1) M8 - S 4A - GPF M11 Pins: A: 3A 4A 6A 8A B: 5B D: 4D	 Hole opening size 
	M8 female back mount socket (Solder, Screw M12*1) M8 - S 4D - GWF M12 Pins: A: 3A 4A 6A 8A B: 5B D: 4D	 Hole opening size 
	M8 female back mount socket (PCB, Screw M12*1) M8 - S 8A - GPF M12 Pins: A: 3A 4A 6A 8A B: 5B D: 4D	 Hole opening size 
	M8 male back mount socket (PCB, Screw M8*1, Grounded type) M8 - P 4A - GPF M8 - JD Pins: A: 3A 4A 6A 8A B: 5B D: 4D	 Hole opening size 

PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	M8 female back mount socket (PCB, Screw M10*0.75, Grounded type) M8 - S 4A - GPF M10 - JD Pins: A: 3A 4A 6A 8A B: 5B D: 4D	
	M8 angled male back mount socket (PCB, Screw M8*1, Grounded type) M8 - P 6A - GPL M8 Pins: A: 3A 4A 6A 8A B: 5B D: 4D	
	M8 angled female back mount socket (PCB, Screw M10*0.75, Grounded type) M8 - S 6A - GPL M10 Pins: A: 3A 4A 6A 8A B: 5B D: 4D	
	M8 female back mount socket (PCB, Screw M10*0.75, Plastic quick insert style) M8 - S 3A -PPF M10 Pins: A: 3A 4A 6A 8A B: 5B	
	M8 angled male back mount plastic socket (PCB, Screw M8*1, Plastic) M8 - P 4A - PTL M8 Pins: A: 3A 4A	
	M8 angled female back mount plastic socket (PCB, Screw M8*1, Plastic) M8 - S 4A - PTL M8 Pins: A: 3A 4A	
	M8 angled female socket (PCB, Screw M10*0.75, Plastic quick insert style) M8 - S 5B - PPL M10 - KK	
	M8 angled female socket (PCB, Screw M10*0.75, Molding type, Snap-on) M8 - S 5B - PPL M10 - KB	

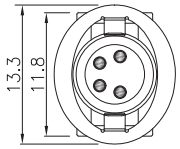
PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	M8 Y-type adapter (PSS) M8 - P 4A - SS 4A - YSCNY Pins: A: 3A 4A 6A B: 5B	
	M8 T-type adapter (PSS) M8 - S 4A - PS 4A - TSCNY Pins: A: 3A 4A 6A B: 5B	
	M8 I-type adapter (PS, Screw M11*1, Metal type) M8 - P 4A - S 4A - IGASN Pins: A: 3A 4A D: 4D	Hole opening size 
	M8 I-type adapter (PS, Plastic type) M8 - P 4A - S 4A - ISCNY Pins: A: 3A 4A 6A 8A B: 5B	
	M8 female ohm terminal plug (120Ω) M8 - S 4A - MWO - 120 Pins: A: 3A 4A 6A 8A B: 5B Impedance: 120:120Ω	
	M8 male ohm terminal plug (120Ω) M8 - P 4A - MWO - 120 Pins: A: 3A 4A 6A 8A B: 5B Impedance: 120:120Ω	

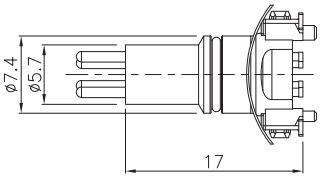
M8·SMD RECEPTACLE ASSEMBLY

M8 male SMD type socket

M8 - P 4A - PSS

Pins:
A: 3A 4A
6A 8A
B: 5B
D: 4D

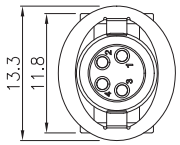


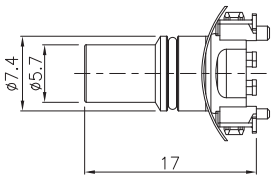


M8 female SMD type socket

M8 - S 3A - PSS

Pins:
A: 3A 4A
6A 8A
B: 5B
D: 4D





Front mount male shell
(Screw M10)

M8-PGBM10

Front mount female shell
(Screw M10)

M8-SGBM10

M8·DUST COVER

M8 plastic dust cover (Inner screw)		
	Ring inner diameter	No.
	ϕ 7.5mm	M8P-TV5P-7.5

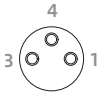
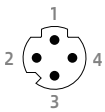
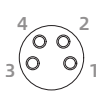
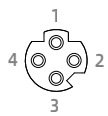
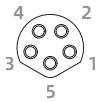
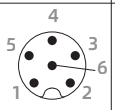
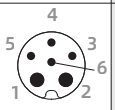
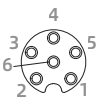
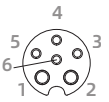
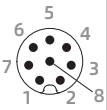
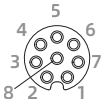
M8 lastic dust cover (Outer screw)		
	Ring inner diameter	No.
	ϕ 7.5mm	M8P-TV5S-7.5

M8 plastic dust cover (Outer screw)		
	Ring inner diameter	No.
	ϕ M8	M8P-TV6S

M8 all-metal dust cover (Inner screw)		
	Ring inner diameter	No.
	ϕ 8mm	M8G-TV1P-8
	ϕ 10mm	M8G-TV1P-10

M8 all-metal dust cover (Outer screw)		
	Ring inner diameter	No.
	ϕ 8mm	M8G-TV1S-8
	ϕ 10mm	M8G-TV1S-10

M8·ELECTRICAL PARAMETERS

No. of positions	Male coding			Ratedcurrent	Rated voltage		Conductor size		Female coding		
	A	B	D		A/C	D/C	AWG	mm²	A	B	D
3				3A	60V	60V	24	0.25			
4				A coding:3A D coding:4A	A coding:60V D coding:48V	60V	24	0.25			
5				3A	30V	30V	24	0.25			
6				A coding:1.5A D coding:1.5A/3A	30V	30V	26	0.14			
8				1.5A	30V	30V	26	0.14			

M8·PCB PINS ARRANGEMENT

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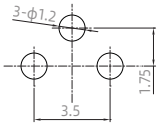
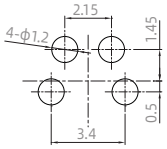
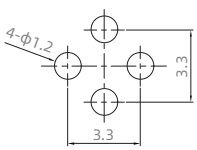
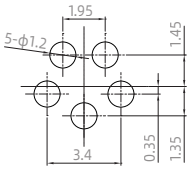
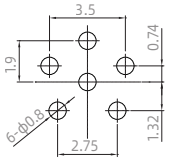
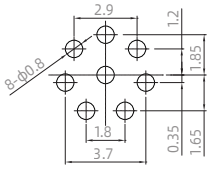
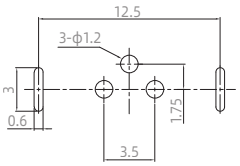
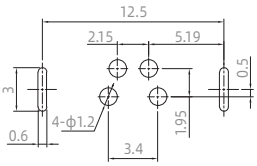
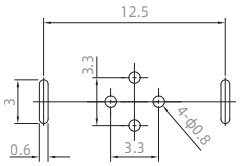
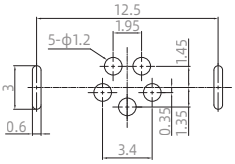
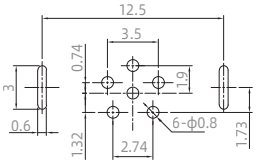
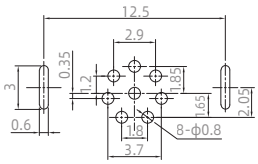
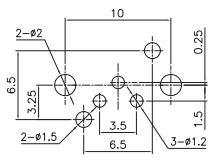
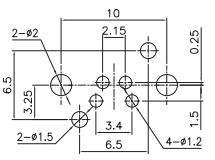
					

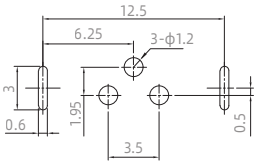
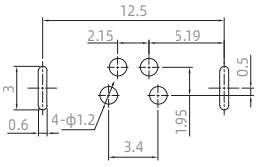
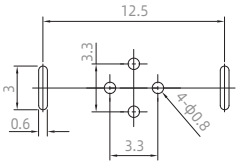
M8·PCB STRAIGHT PINS ARRANGEMENT (GROUNDED TYPE)

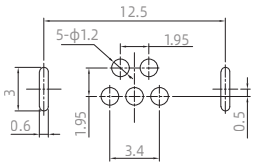
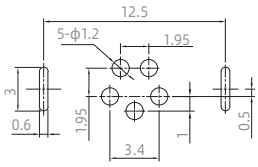
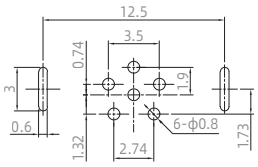
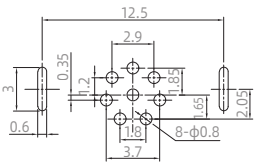
3	4	4D
		
5B	**6**	**8**
		

M8·PCB ANGLED PINS ARRANGEMENT

3	4
	

M8·PCB ANGLED PINS ARRANGEMENT (GROUNDED TYPE)

3	4	4D
		

5B	5B(Universal version)	6	8
			

M8·WIRE DEFINITION

		Number of positions							
No. of positions	Coding	1	2	3	4	5	6	7	8
3-pin	A	BN		BU	BK				
4-pin	A	BN	WH	BU	BK				
4-pin	D	BN	WH	BU	BK				
4-pin (Ethernet)	D	YE	WH	OG	BU				
5-pin	B	BN	WH	BU	BK	GY			
6-pin	A	BN	WH	BU	BK	GY	PK		
8-pin	A	WH	BN	GN	YE	GY	PK	BU	RD

* This wiring definition is for reference only.
For protocol-based configurations, consult our sales team.

M9 Series

Pins number: 2-8 pins

Most connectors are excellent for full shielding at 360 degrees

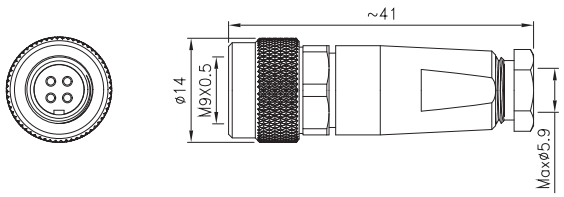
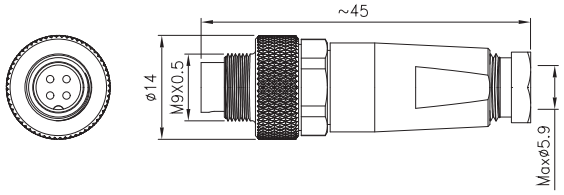
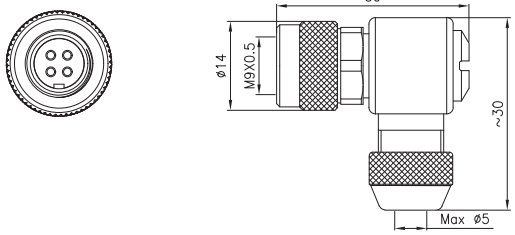
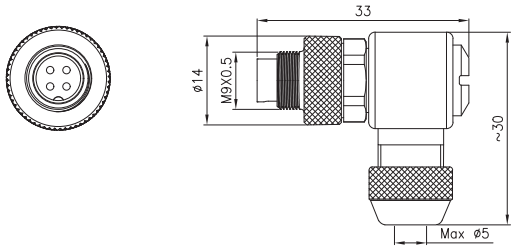
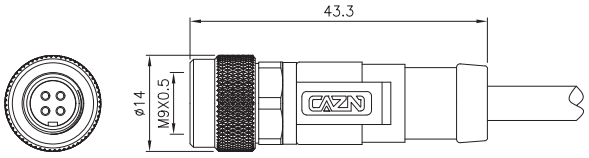
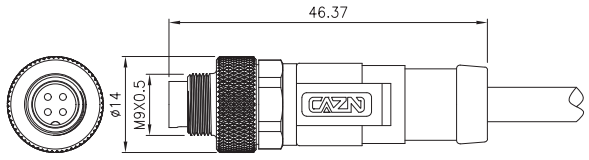
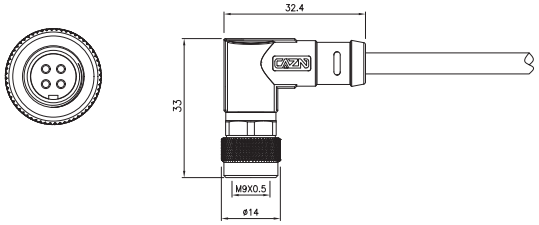
Plug: assembly, overmolded cable type (length can be customized at will)

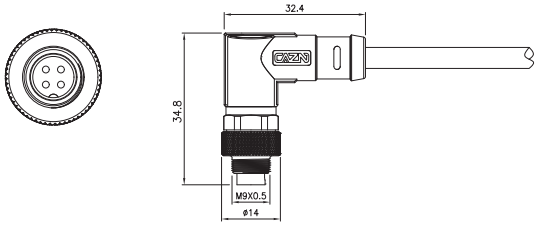
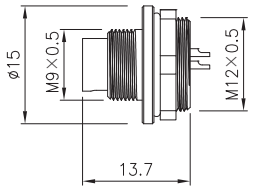
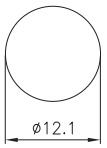
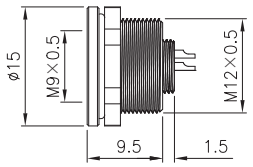
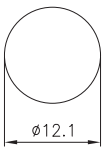
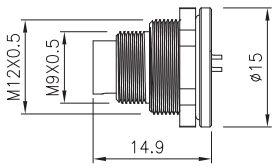
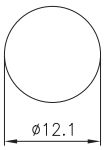
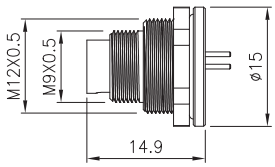
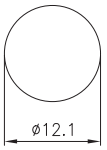
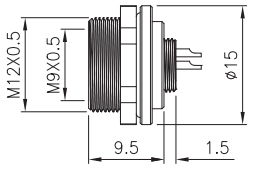
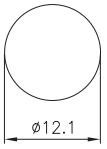
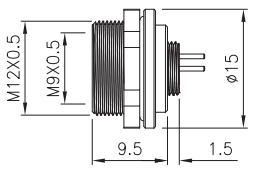
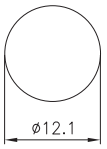
Socket: Front mount solder type, back mount solder type and PCB board type

Waterproof grade: IP65 IP67

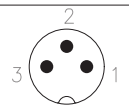
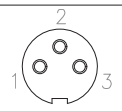
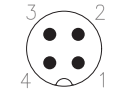
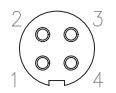
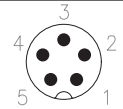
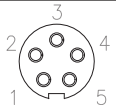
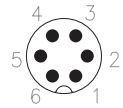
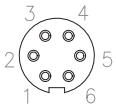
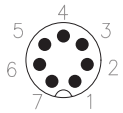
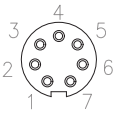
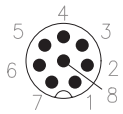
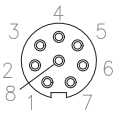
Product parameters

SHELL MATERIAL	Brass nickel-plated Zinc alloy nickel-plated	CONTACT IMPEDANCE	⩽3mΩ
SEALING MATERIAL	Epoxy resin / Rubber	WIRING RANGE	3.0~5.0mm
CONTACT MATERIAL	Brass Phosphorus copper gold-plated	INSULATION IMPEDANCE	⩾100MΩ
INSULATOR MATERIAL	PA66	APPLICABLE TEMPERATURE	-25℃ ~ +85℃
MOLDING MATERIAL	TPU / PVC		

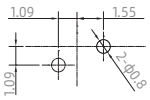
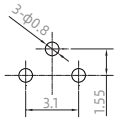
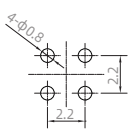
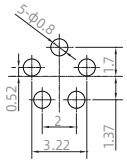
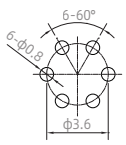
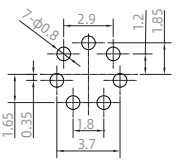
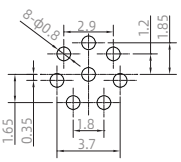
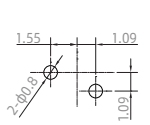
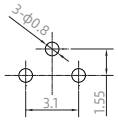
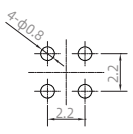
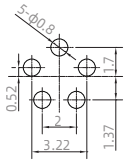
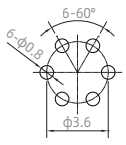
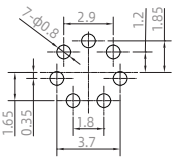
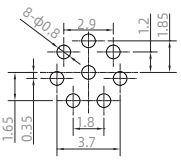
PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	M9 straight female metal plug (Solder) M9 - S 5 - GWA 05 Pins: 2 3 4 5 6 7 8	
	M9 straight male metal plug (Solder) M9 - P 8 - GWA 05 Pins: 2 3 4 5 6 7 8	
	M9 angled female metal plug (Solder) M9 - S 5 - GWD 05 Pins: 2 3 4 5 6 7 8	
	M9 angled male metal plug (Solder) M9 - P 2 - GWD 05 Pins: 2 3 4 5 6 7 8	
Unshielded Shielded 	M9 straight female overmolded plug M9 - S 4 - MWA - 1 PV - S Pins: 2 3 4 5 6 7 8 Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
Unshielded Shielded 	M9 straight male overmolded plug M9 - P 4 - MWA - 1 PV - S Pins: 2 3 4 5 6 7 8 Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
Unshielded Shielded 	M9 angled female overmolded plug M9 - S 4 - MWD - 1 PV - S Pins: 2 3 4 5 6 7 8 Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	

PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
Unshielded Shielded 	M9 angled male overmolded plug M9 - P 4 - MWD - 1 PV - S Pins: 2 3 4 5 6 7 8 Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
	M9 male front mount socket (Solder) M9 - P 8 - GWB M12 Pins: 2 3 4 5 6 7 8	 Hole opening size 
	M9 female front mount socket (Solder) M9 - S 6 - GWB M12 Pins: 2 3 4 5 6 7 8	 Hole opening size 
	M9 male back mount socket (Solder) M9 - P 8 - GWF M12 Pins: 2 3 4 5 6 7 8	 Hole opening size 
	M9 male back mount socket (PCB) M9 - P 4 - GPF M12 Pins: 2 3 4 5 6 7 8	 Hole opening size 
	M9 female back mount socket (Solder) M9 - S 6 - GWF M12 Pins: 2 3 4 5 6 7 8	 Hole opening size 
	M9 female back mount socket (PCB) M9 - S 4 - GPF M12 Pins: 2 3 4 5 6 7 8	 Hole opening size 

M9·ELECTRICAL PARAMETERS

No. of positions	Male coding	Ratedcurrent	Rated voltage		Conductor size		Female coding
			A/C	D/C	AWG	mm²	
2		4A	125V	125V	24	0.25	
3		4A	125V	125V	24	0.25	
4		3A	125V	125V	24	0.25	
5		3A	125V	125V	24	0.25	
6		1A	125V	125V	26	0.14	
7		1A	125V	125V	26	0.14	
8		1A	125V	125V	26	0.14	

M9·PCB PINS ARRANGEMENT

No. of positions	2A	3A	4A	5A	6A	7A	8A
Male coding							
Female coding							

M9·WIRE DEFINITION

		Number of positions							
No. of positions	Coding	1	2	3	4	5	6	7	8
2-pin	A	BN	BU						
3-pin	A	BN	BU	BK					
4-pin	A	BN	WH	BU	BK				
5-pin	A	BN	WH	BU	BK	GY			
6-pin	A	BN	WH	BU	BK	GY	PK		
7-pin	A	WH	BN	GN	YE	GY	PK	BU	
8-pin	A	WH	BN	GN	YE	GY	PK	BU	RD

* This wiring definition is for reference only. For protocol-based configurations, consult our sales team.

M12 Series

Metal housing connector excellent 360° full shielding, new more damped design

Products comply with IEC 61076-2-101 Industry 4.0 agreement, NEMA2000 standard

Plug: assembled type, injection molding with cable type (length can be customized)

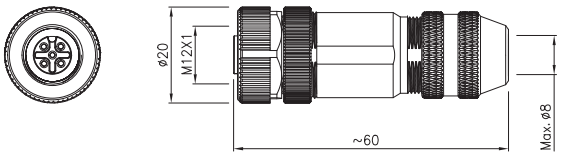
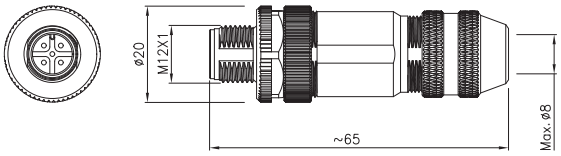
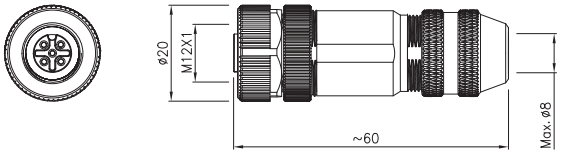
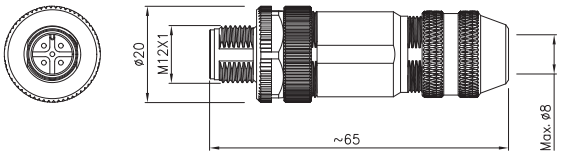
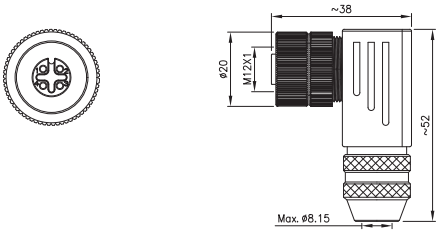
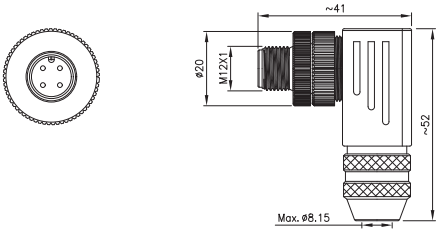
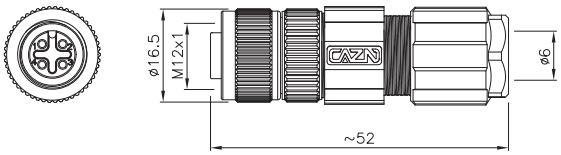
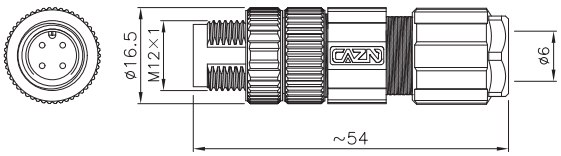
Socket: front mount Solder type, back mount Solder type and PCB type

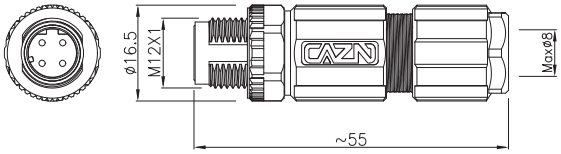
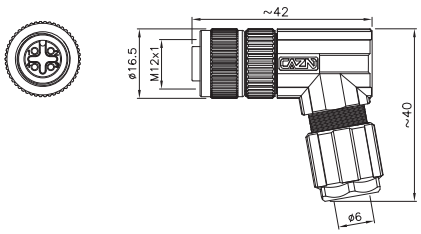
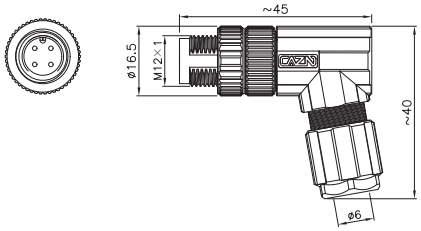
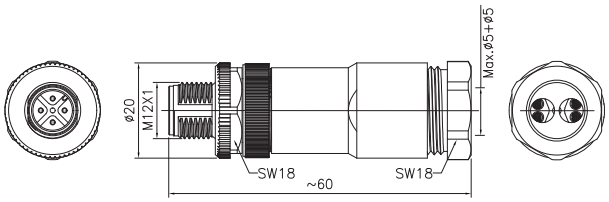
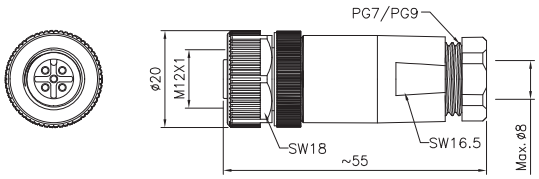
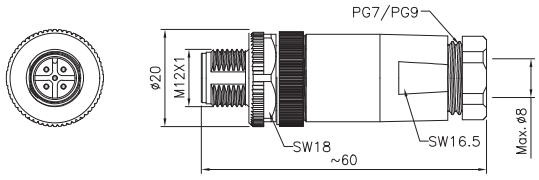
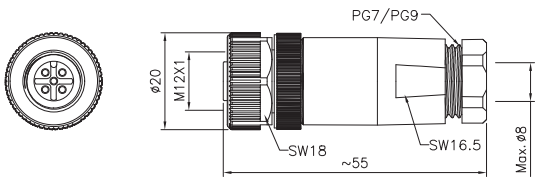
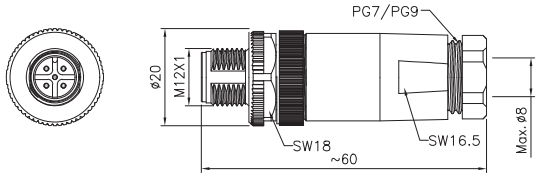
Number of pins: 2, 3, 4, 5, 6, 8, 12, 17 pins

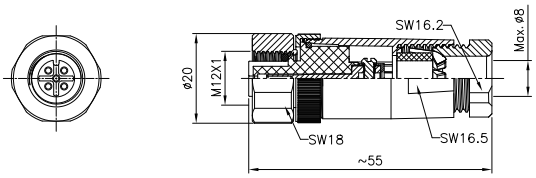
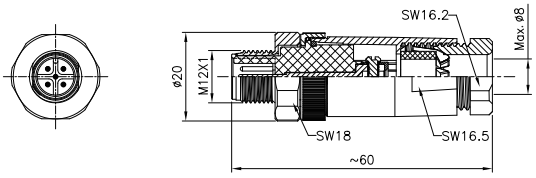
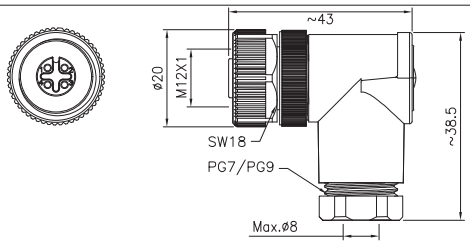
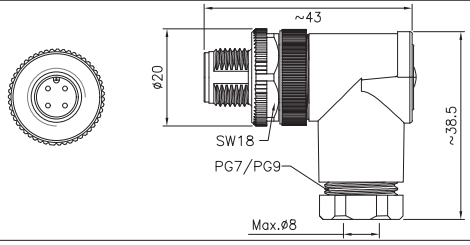
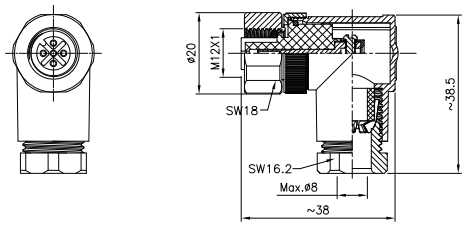
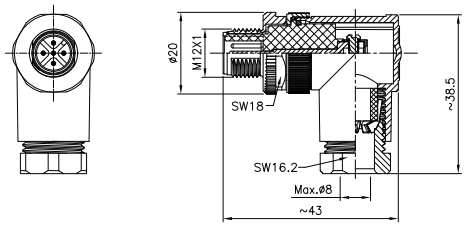
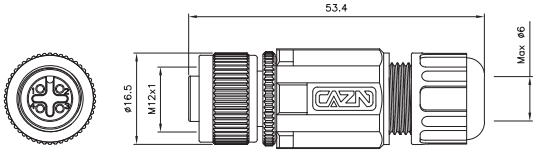
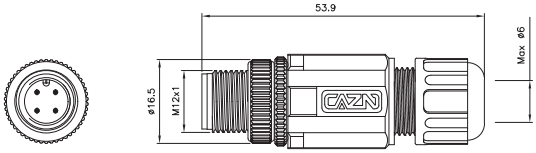
Waterproof grade: IP65, IP67

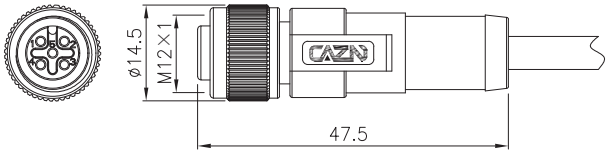
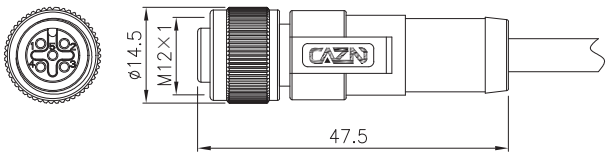
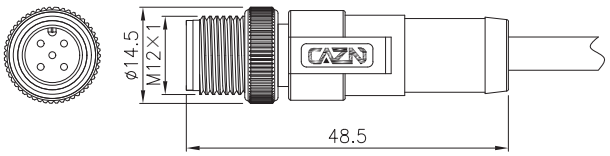
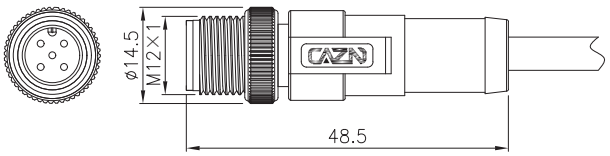
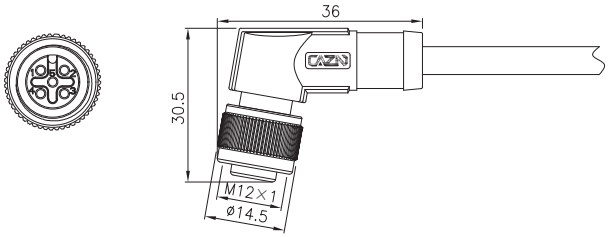
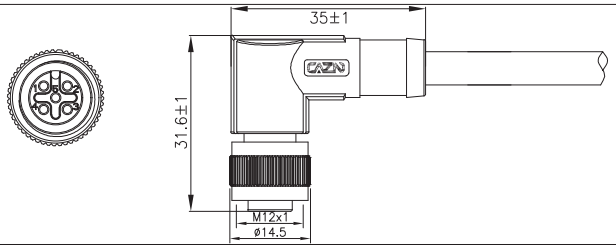
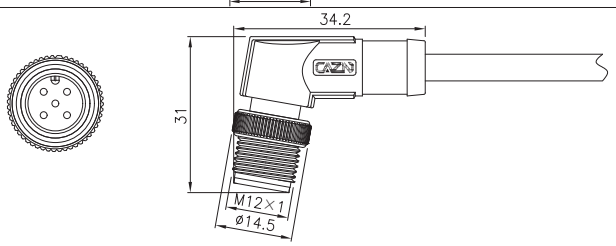
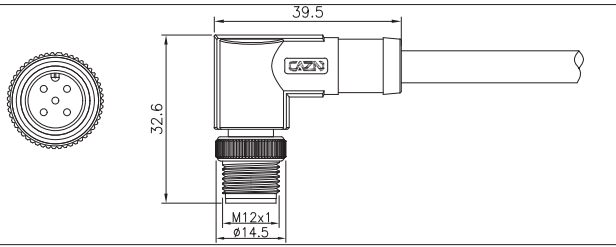
Product parameters

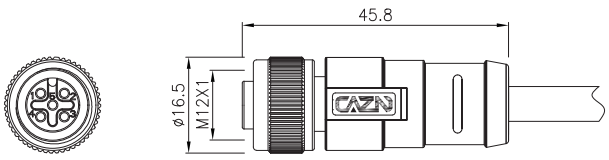
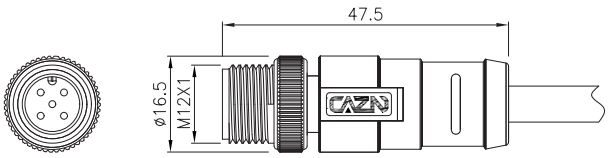
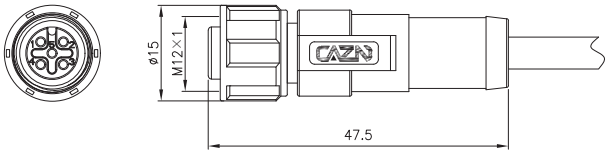
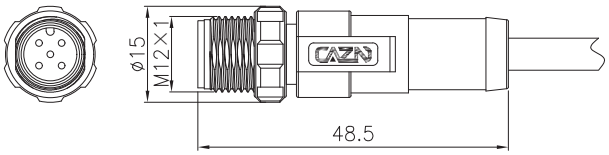
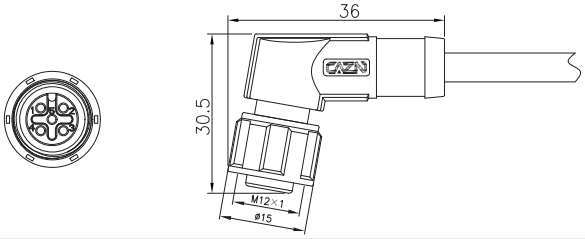
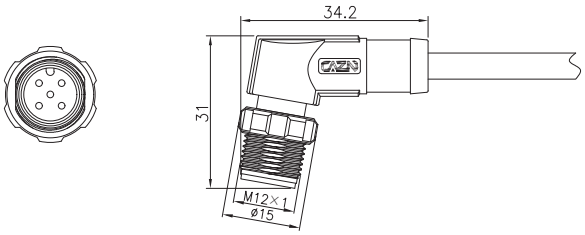
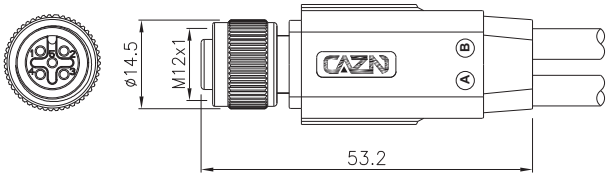
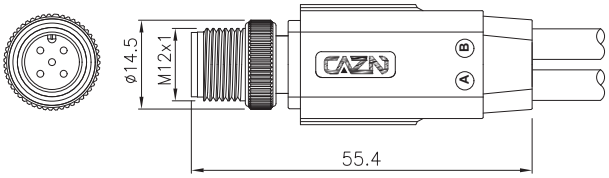
SHELL MATERIAL	PA-GF / Brass nickel-plated Zinc alloy nickel-plated	CONTACT IMPEDANCE	⩽5mΩ
SEALING MATERIAL	Epoxy resin / Rubber	DURABILITY	⩾500 Cycles
CONTACT MATERIAL	Brass Phosphorus copper gold-plated	EXECUTION STANDARD	IEC 61076-2-101
INSULATOR MATERIAL	PA+GF / TPU	APPLICABLE TEMPERATURE	-25℃ ~ +85℃
MOLDING MATERIAL	TPU / PVC	WATERPROOF GRADE	IP67

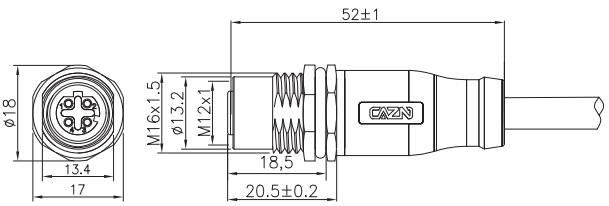
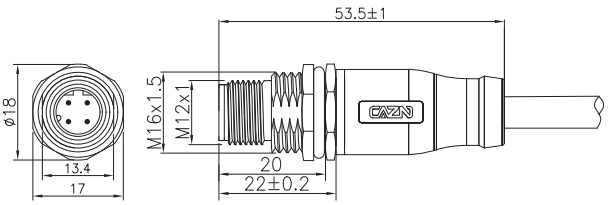
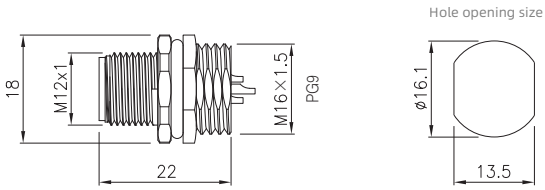
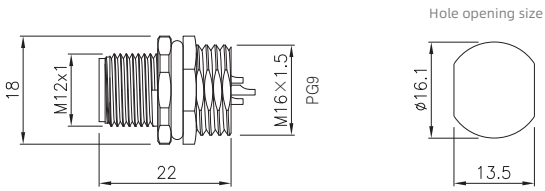
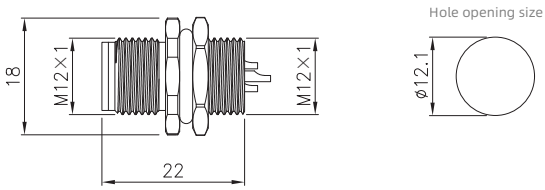
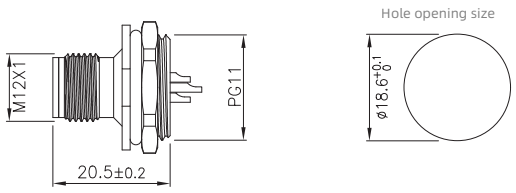
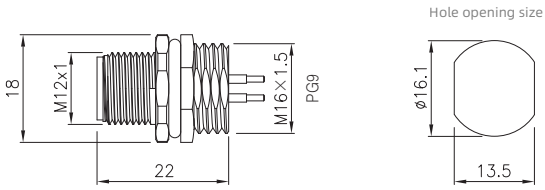
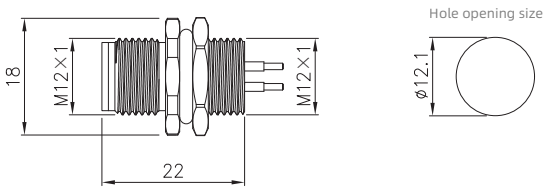
PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	M12 straight female metal assembled plug (Screw) M12 - S 5A - GLA P7 Pins: A:2A 3A 4A 5A 6A 8A B:5B D:4D Outlet: P7:PG7 P9:PG9	
	M12 straight male metal assembled plug (Screw) M12 - P 5A - GLA P7 Pins: A:2A 3A 4A 5A 6A 8A B:5B D:4D Outlet: P7:PG7 P9:PG9	
	M12 straight female metal assembled plug (Welded) M12 - S 5A - GWA P7 - BS Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B D:4D Outlet: P7:PG7 P9:PG9	
	M12 straight male metal assembled plug (Welded) M12 - P 5A - GWA P7 - BS Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B D:4D Outlet: P7:PG7 P9:PG9	
	M12 angled female metal assembled plug (Screw) M12 - S 4A - GLD P7 Pins: A:2A 3A 4A 5A 6A 8A B:5B D:4D Outlet: P7:PG7 P9:PG9	
	M12 angled male metal assembled plug (Screw) M12 - P 4A - GLD P7 Pins: A:2A 3A 4A 5A 6A 8A B:5B D:4D Outlet: P7:PG7 P9:PG9	
	M12 straight female metal assembled plug (Solder) M12 - S 4A - GWA P9 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B D:4D	
	M12 straight male metal assembled plug (Solder) M12 - P 4A - GWA P9 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B D:4D	

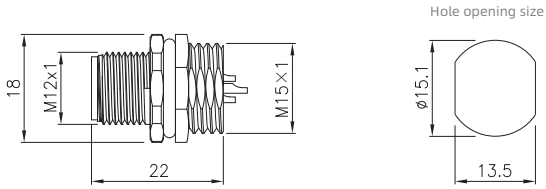
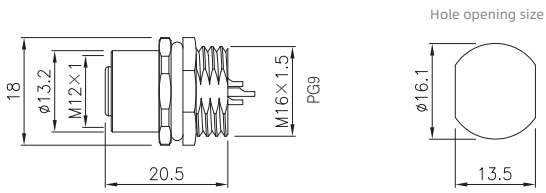
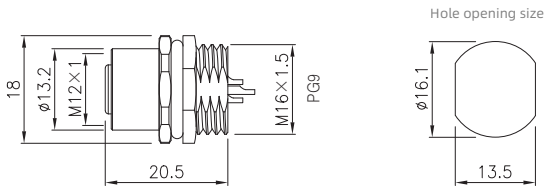
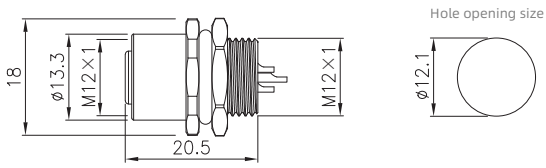
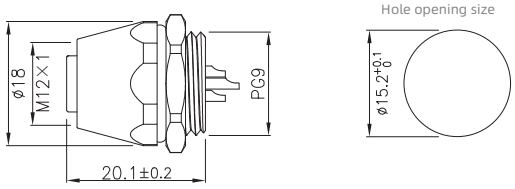
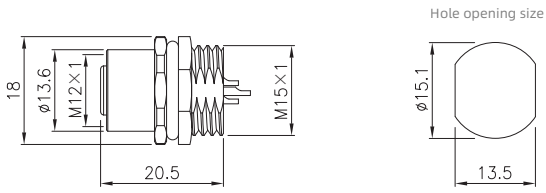
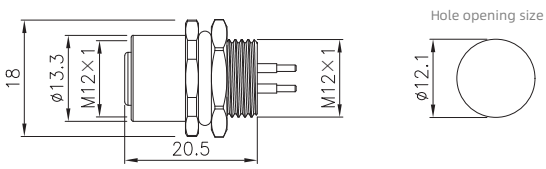
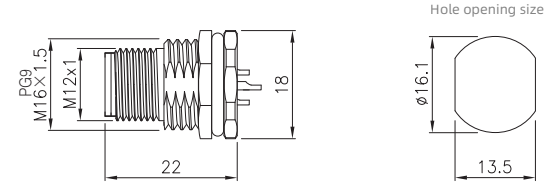
PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	M12 straight male metal assembled plug (Rivet pressing) M12 - P 4D - GCA P9 Pins: A:2A 3A 4A 5A 8A B:5B D:4D	
	M12 angled female metal assembled plug (Solder) M12 - S 4A - GWD P9 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B D:4D	
	M12 angled male metal assembled plug (Solder) M12 - P 4A - GWD P9 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B D:4D	
	M12 straight female plastic assembled plug (Two holes come out, Screw) M12 - P 4A - PLA-1T2 Pins: A:4A	
	M12 straight female plastic assembled plug (Screw) M12 - S 5A - PLA P7 Pins: A:2A 3A 4A 5A 6A 8A Outlet: P7:PG7 P9:PG9	
	M12 straight male plastic assembled plug (Screw) M12 - P 5A - PLA P7 Pins: A:2A 3A 4A 5A 6A 8A Outlet: P7:PG7 P9:PG9	
	M12 straight female plastic assembled plug (Welded) M12 - S 5A - PWA P7 - BS Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B D:4D Outlet: P7:PG7 P9:PG9	
	M12 straight male plastic assembled plug (Welded) M12 - P 5A - PWA P7 - BS Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B D:4D Outlet: P7:PG7 P9:PG9	

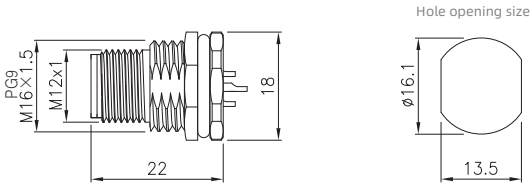
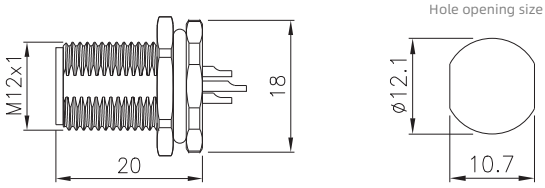
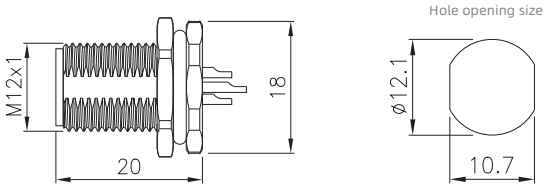
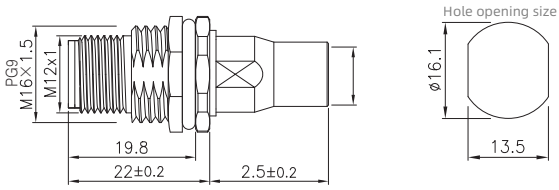
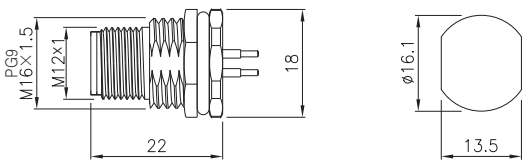
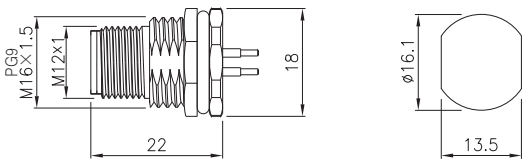
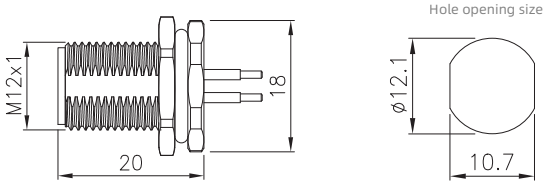
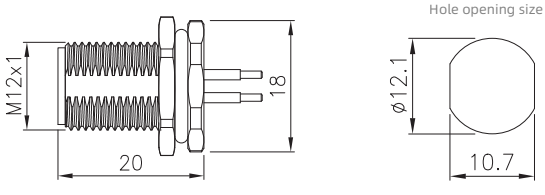
PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	M12 straight female plastic assembled plug (Screw, Stainless steel) M12 - S 5A - PLA P7 - BXG Pins: A:2A 3A 4A 5A 6A 8A B:4B 5B D:4D 5D Outlet: P7:PG7 P9:PG9 P11:PG11	
	M12 straight male plastic assembled plug (Screw, Stainless steel) M12 - P 5A - PLA P7 - BXG Pins: A:2A 3A 4A 5A 6A 8A B:4B 5B D:4D 5D Outlet: P7:PG7 P9:PG9 P11:PG11	
	M12 angled female plastic assembled plug (Screw) M12 - S 3A - PLD P7 Pins: A:2A 3A 4A 5A 6A 8A Outlet: P7:PG7 P9:PG9	
	M12 angled male plastic assembled plug (Screw) M12 - P 3A - PLD P7 Pins: A:2A 3A 4A 5A 6A 8A Outlet: P7:PG7 P9:PG9	
	M12 angled female plastic assembled plug (Screw, Stainless steel) M12 - S 3A - PLD P7 - BXG Pins: A:2A 3A 4A 5A 6A 8A B:4B 5B D:4D 5D Outlet: P7:PG7 P9:PG9	
	M12 angled male plastic assembled plug (Screw, Stainless steel) M12 - P 3A - PLD P7 - BXG Pins: A:2A 3A 4A 5A 6A 8A B:4B 5B D:4D 5D Outlet: P7:PG7 P9:PG9	
	M12 straight female plastic assembled plug (Solder) M12 - S 3A - PWA P7 Pins: A:2A 3A 4A 5A 6A 8A B:5B D:4D	
	M12 straight male plastic assembled plug (Solder) M12 - P 3A - PWA P7 Pins: A:2A 3A 4A 5A 6A 8A B:5B D:4D	

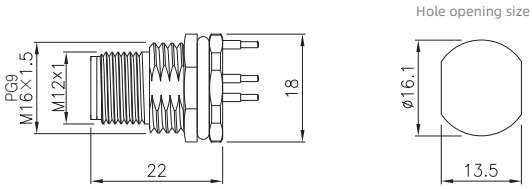
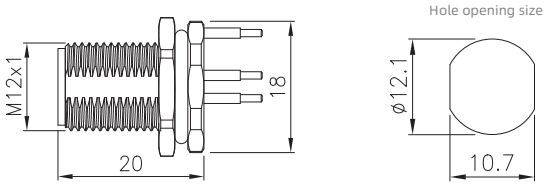
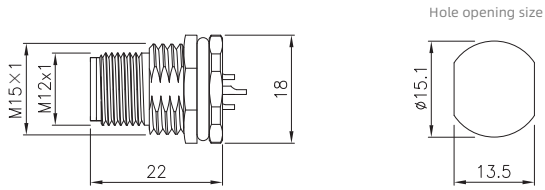
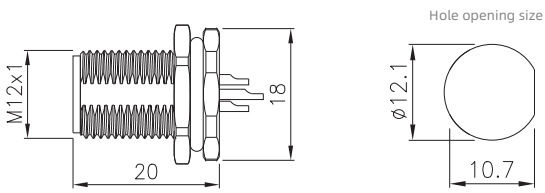
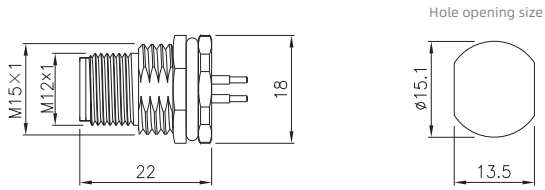
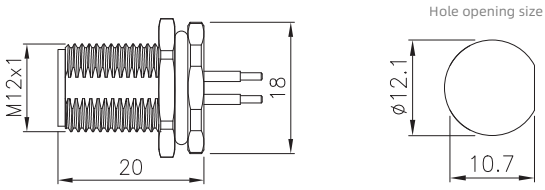
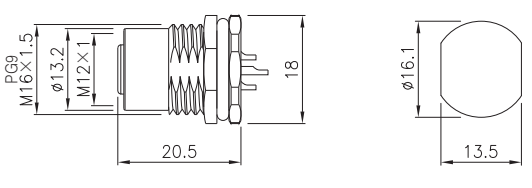
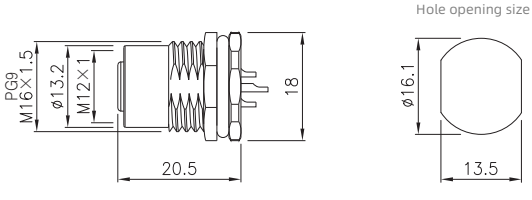
PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
Unshielded Shielded 	M12 straight female overmolded plug M12 - S 3A - MWA - 1 PV - S Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
	M12 straight female overmolded plug (LED) M12 - S 3A - MWA - 1 PV - LP2 Pins: A:3A 4A 5A Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE LED: LP2: 2-PNP LN2: 2-NPN LP3: 3-PNP LN3: 3-NPN	
Unshielded Shielded 	M12 straight male overmolded plug M12 - P 3A - MWA - 1 PV - S Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
	M12 straight male overmolded plug (LED) M12 - P 3A - MWA - 1 PV - LP2 Pins: A:3A 4A 5A Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE LED: LP2: 2-PNP LN2: 2-NPN LP3: 3-PNP LN3: 3-NPN	
Unshielded Shielded 	M12 angled female overmolded plug M12 - S 3A - MWD - 1 PV - S Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
	M12 angled female overmolded plug (LED) M12 - S 3A - MWD - 1 PV - LP2 Pins: A:3A 4A 5A Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE LED: LP2: 2-PNP LN2: 2-NPN LP3: 3-PNP LN3: 3-NPN	
Unshielded Shielded 	M12 angled male overmolded plug M12 - P 3A - MWD - 1 PV - S Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
	M12 angled male overmolded plug (LED) M12 - P 3A - MWD - 1 PV - LP2 Pins: A:3A 4A 5A Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE LED: LP2: 2-PNP LN2: 2-NPN LP3: 3-PNP LN3: 3-NPN	

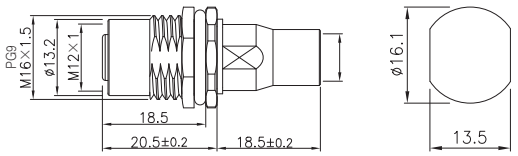
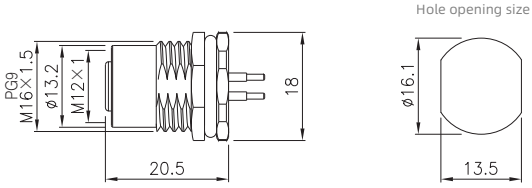
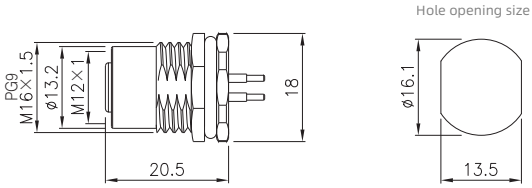
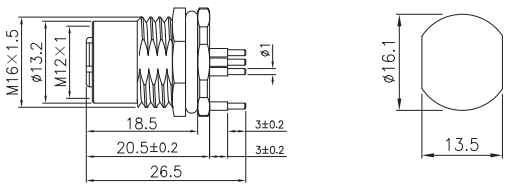
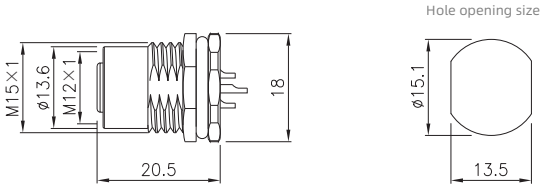
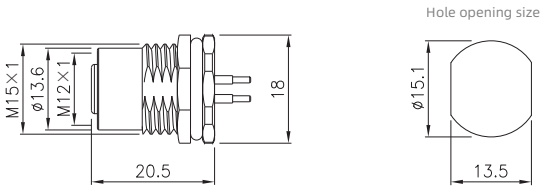
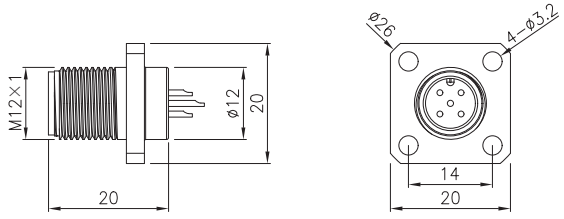
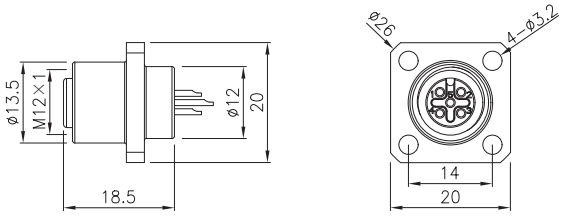
PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
Unshielded Shielded 	M12 straight female overmolded plug (Anti-vibration) M12 - S 3A - MWA - 1 PV - S - ZN Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
Unshielded Shielded 	M12 straight male overmolded plug (Anti-vibration) M12 - P 3A - MWA - 1 PV - S - ZN Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
	M12 straight female overmolded plug (Plastic style) M12 - S 3A - MWA - 1 PV - PM Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE	
	M12 straight male overmolded plug (Plastic style) M12 - P 3A - MWA - 1 PV - PM Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE	
	M12 angled female overmolded plug (Plastic style) M12 - S 3A - MWD - 1 PV - PM Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE	
	M12 angled male overmolded plug (Plastic style) M12 - P 3A - MWD - 1 PV - PM Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE	
Unshielded Shielded 	M12 female 1 to 2 overmolded plug M12 - S 3A - MWA - 1 PV - S - 1T2 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
Unshielded Shielded 	M12 male 1 to 2 overmolded plug M12 - P 3A - MWA - 1 PV - S - 1T2 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	

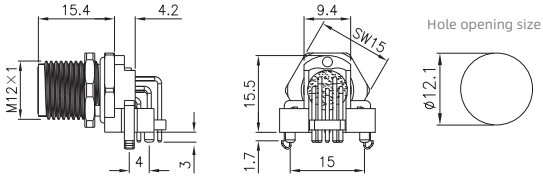
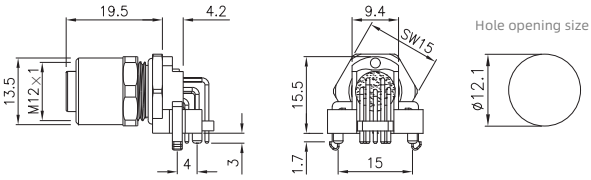
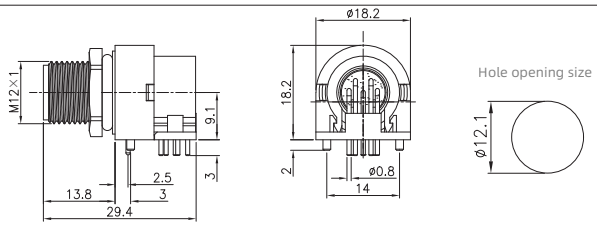
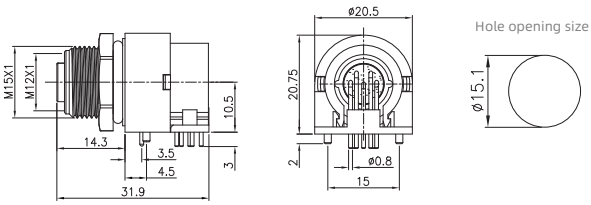
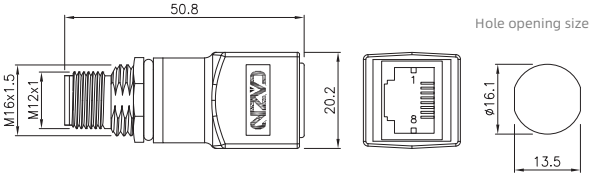
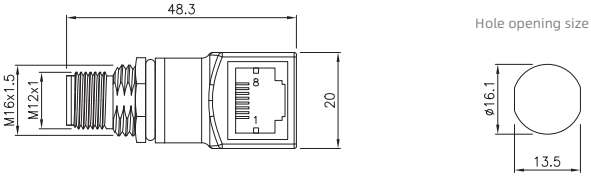
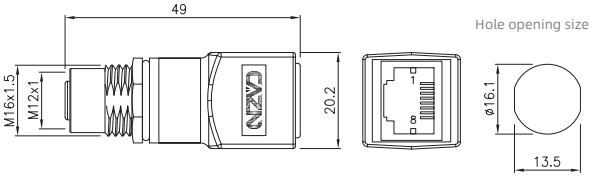
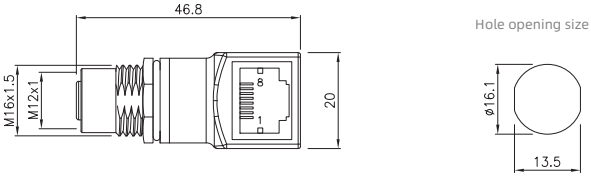
PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
Unshielded Shielded 	**M12 straight female overmolded socket** (Screw M16*1.5) M12 - S 4A - MWF M16 - 1 PV - S Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B D:4D Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
Unshielded Shielded 	**M12 straight male overmolded socket** (Screw M16*1.5) M12 - P 4A - MWF M16 - 1 PV - S Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B D:4D Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
Screw M16x1.5 Screw PG9 	**M12 male front mount socket** (Solder) M12 - P 3A - GWB M16 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Screw: M16:M16x1.5 P9:PG9	
Screw M16x1.5 Screw PG9 	**M12 male front mount socket** (Solder, Zinc alloy) M12 - P 3A - GWB M16 - ZA Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Screw: M16:M16x1.5 P9:PG9	
	**M12 male front mount socket** (Solder, Screw M12*1) M12 - P 3A - GWB M12 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D	
	**M12 male front mount socket** (Solder, Screw PG11) M12 - P 4A - GWB P11 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D	
Screw M16x1.5 Screw PG9 	**M12 male front mount socket** (PCB) M12 - P 3A - GPB M16 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Screw: M16:M16x1.5 P9:PG9	
	**M12 male front mount socket** (PCB, Screw M12*1) M12 - P 3A - GPB M12 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D	

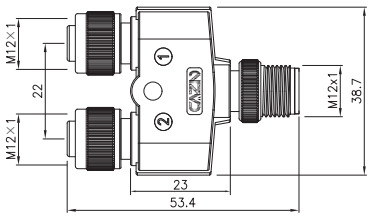
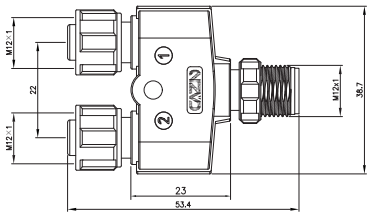
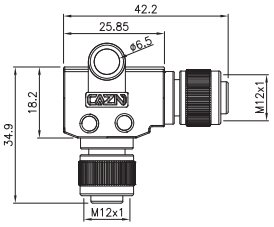
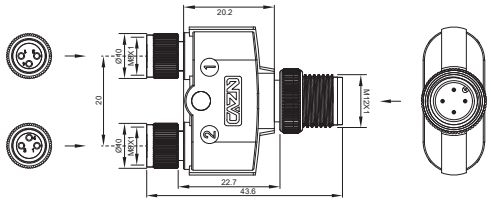
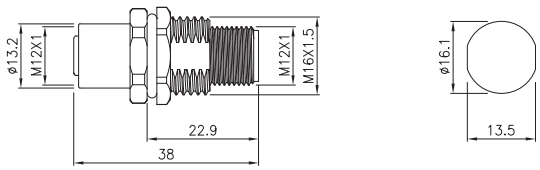
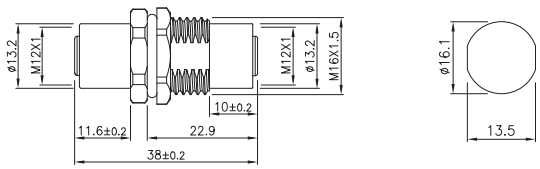
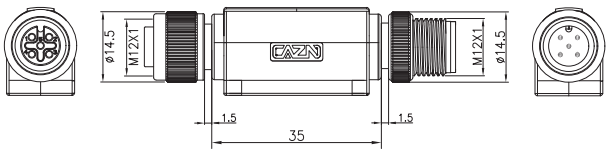
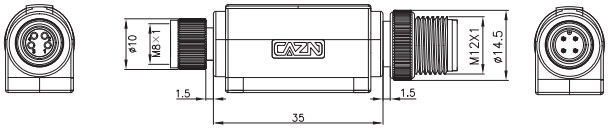
PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	**M12 male front mount socket** (Solder, Screw M15*1, Plastic type) M12 - P 3A - PWB M15 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A; B:5B; C:3C 4C 5C 6C; D:4D	
Screw M16x1.5 Screw PG9 	**M12 female front mount socket** (Solder) M12 - S 3A - GWB M16 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A; B:5B; C:3C 4C 5C 6C; D:4D Screw: M16:M16x1.5 P9:PG9	
Screw M16x1.5 Screw PG9 	**M12 female front mount socket** (Solder, Zinc alloy) M12 - S 3A - GWB M16 - ZA Pins: A:2A 3A 4A 5A 6A 8A 12A 17A; B:5B; C:3C 4C 5C 6C; D:4D Screw: M16:M16x1.5 P9:PG9	
	**M12 female front mount socket** (Solder, Screw M12*1) M12 - S 3A - GWB M12 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A; B:5B; C:3C 4C 5C 6C; D:4D	
	**M12 female front mount socket** (Solder, Screw PG9, Bullet type) M12 - S 4A - GWB P9 - ZD Pins: A:2A 3A 4A 5A 6A 8A 12A 17A; B:5B; D:4D	
	**M12 female front mount socket** (Solder, Screw M15*1, Plastic type) M12 - S 3A - PWB M15 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A; B:5B; C:3C 4C 5C 6C; D:4D	
	**M12 female front mount socket** (PCB, Screw M12*1) M12 - S 3A - GPB M12 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A; B:5B; C:3C 4C 5C 6C; D:4D	
Screw M16x1.5 Screw PG9 	**M12 male back mount socket** (Solder) M12 - P 3A - GWF M16 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A; B:5B; C:3C 4C 5C 6C; D:4D Screw: M16:M16x1.5 P9:PG9	

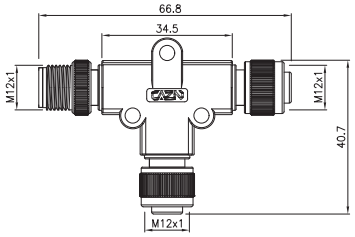
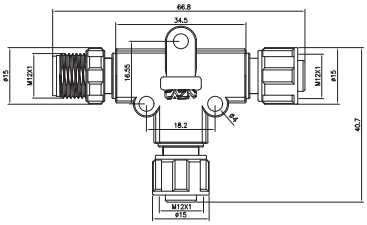
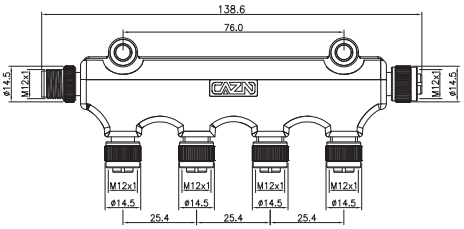
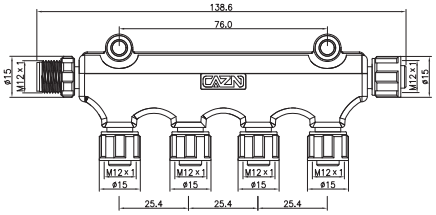
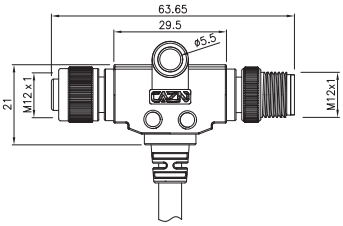
PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
Screw M16x1.5 Screw PG9 	M12 male back mount socket (Solder, Zinc alloy) M12 - P 3A - GWF M16 - ZA Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Screw: M16:M16x1.5 P9:PG9	
	M12 male back mount socket (Solder, Screw M12*1) M12 - P 3A - GWF M12 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D	
	M12 male back mount socket (Solder, Screw M12*1, Zinc alloy) M12 - P 3A - GWF M12 - ZA Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D	
Screw M16x1.5 Screw PG9 	M12 male back mount socket (Solder, Shielded) M12 - P 3A - GWF M16 - PBG Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Screw: M16:M16x1.5 P9:PG9	
Screw M16x1.5 Screw PG9 	M12 male back mount socket (PCB) M12 - P 3A - GPF M16 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Screw: M16:M16x1.5 P9:PG9	
Screw M16x1.5 Screw PG9 	M12 male back mount socket (PCB, Zinc alloy) M12 - P 3A - GPF M16 - ZA Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Screw: M16:M16x1.5 P9:PG9	
	M12 male back mount socket (PCB, Screw M12*1) M12 - P 3A - GPF M12 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D	
	M12 male back mount socket (PCB, Screw M12*1, Zinc alloy) M12 - P 3A - GPF M12 - ZA Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D	

PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
Screw M16x1.5 Screw PG9 	M12 male back mount socket (PCB, Grounded type) M12 - P 3A - GPF M16 - JD Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Screw: M16:M16x1.5 P9:PG9	
	M12 male back mount socket (PCB, Screw M12*1, Grounded type) M12 - P 3A - GPF M12 - JD Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D	
	M12 male back mount socket (Solder, Screw M15*1, Plastic type) M12 - P 3A - PWF M15 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D	
	M12 male back mount socket (Solder, Screw M12*1, Plastic type) M12 - P 3A - PWF M12 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D	
	M12 male back mount socket (PCB, Screw M15*1, Plastic type) M12 - P 3A - PPF M15 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D	
	M12 male back mount socket (PCB, Screw M12*1, Plastic type) M12 - P 3A - PPF M12 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D	
Screw M16x1.5 Screw PG9 	M12 female back mount socket (Solder) M12 - S 3A - GWF M16 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Screw: M16:M16x1.5 P9:PG9	
Screw M16x1.5 Screw PG9 	M12 female back mount socket (Solder, Zinc alloy) M12 - S 3A - GWF M16 - ZA Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Screw: M16:M16x1.5 P9:PG9	

PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
Screw M16x1.5 Screw PG9 	M12 female back mount socket (Solder, Shielded) M12 - S 3A - GWF M16 - PBG Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Screw: M16:M16x1.5 P9:PG9	Hole opening size 
Screw M16x1.5 Screw PG9 	M12 female back mount socket (PCB) M12 - S 3A - GPF M16 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Screw: M16:M16x1.5 P9:PG9	Hole opening size 
Screw M16x1.5 Screw PG9 	M12 female back mount socket (PCB, Zinc alloy) M12 - S 3A - GPF M16 - ZA Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Screw: M16:M16x1.5 P9:PG9	Hole opening size 
Screw M16x1.5 Screw PG9 	M12 female back mount socket (PCB, Grounded type) M12 - S 3A - GPF M16 - JD Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Screw: M16:M16x1.5 P9:PG9	Hole opening size 
	M12 female back mount socket (Solder, Screw M15*1, Plastic type) M12 - S 3A - PWF M15 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D	Hole opening size 
	M12 female back mount socket (PCB, Screw M15*1, Plastic type) M12 - S 3A - PPF M15 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D	Hole opening size 
	M12 square flange male socket (Solder, 14*14) M12 - P 3A - GWH Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D	
	M12 square flange female socket (Solder, 14*14) M12 - S 3A - GWH Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D	

PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
Ungrounded Grounded 	M12 angle male socket (PCB, Screw M12*1) M12 - P 3A - GPL M12 - JD Pins: A:2A 3A 4A 5A 6A 8A 12A B:5B D:4D JD:Grounded Empty:Ungrounded	
Ungrounded Grounded 	M12 angle female socket (PCB, Screw M12*1) M12 - S 3A - GPL M12 - JD H Pins: A:2A 3A 4A 5A 6A 8A 12A B:5B D:4D JD:Grounded Empty:Ungrounded Panel Thickness Empty:1.5~3.5mm H:0~3.5mm	
	M12 angle male socket (PCB, Screw M12*1, Big size) M12 - P 3A - GPL M12 - BS Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B D:4D	
	M12 angle female socket (PCB, Screw M15*1, Big size) M12 - S 3A - GPL M15 - BS Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B D:4D	
	M12 straight male to RJ45 adapter M12 - P 4D - RJ45 F8 - ASCNY Pins: A:4A 8A D:4D	
	M12 angled male to RJ45 adapter M12 - P 4D - RJ45 F8 - DSCNY Pins: A:4A 8A D:4D	
	M12 straight female to RJ45 adapter M12 - S 4D - RJ45 F8 - ASCNY Pins: A:4A 8A D:4D	
	M12 angled female to RJ45 adapter M12 - S 4D - RJ45 F8 - DSCNY Pins: A:4A 8A D:4D	

PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	M12 Y-type adapter (PSS) M12 - P 3A - SS 3A - YSCNY Pins: A:2A 3A 4A 5A 6A 8A B:5B D:4D	
	M12 Y-type adapter (PSS, Plastic type) M12 - P 3A - SS 3A - YPMNY Pins: A:2A 3A 4A 5A 6A 8A B:5B D:4D	
	M12 L-type adapter (SS) M12 - S 3A - S 3A - LSCNY Pins: A:2A 3A 4A 5A 6A 8A B:5B D:4D	
	M12 Y-type adapter (PSS, M12-M8*2) M12 - P 4A - M8 SS 4A - YELNY Pins: A:3A 4A	
	M12 I-type adapter (PS, M12-M12, metal style) M12 - P 3A - S 3A - IGASN Pins: A:2A 3A 4A 5A 6A 8A 12A B:5B D:4D	Hole opening size 
	M12 I-type adapter (SS, M12-M12, metal style) M12 - S 3A - S 3A - IGASN Pins: A:2A 3A 4A 5A 6A 8A 12A B:5B D:4D	Hole opening size 
	M12 I-type adapter (PS, M12-M12, Plastic style) M12 - P 3A - S 3A - ISCNY Pins: A:2A 3A 4A 5A 6A 8A 12A B:5B D:4D	
	M12 I-type adapter (PS, M12-M8, Plastic style) M12 - P 3A - M8 S 3A - ISCNY Pins: A:2A 3A 4A 5A 6A 8A 12A B:5B D:4D Pins: A:3A 4A 6A 8A B:5B	

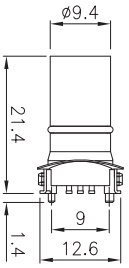
PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	M12 T-type adapter (PSS) M12 - S 3A - PS 3A - TSCNY Pins: A:2A 3A 4A 5A 6A 8A B:5B D:4D	
	M12 T-type adapter (PSS, Plastic type) M12 - S 3A - PS 3A - TPMNY Pins: A:2A 3A 4A 5A 6A 8A B:5B D:4D	
	M12 T-type adapter (PSSSSS) M12 - P 5A - S 5A ×5 - TSCNY Pins: A:2A 3A 4A 5A 6A 8A B:5B D:4D	
	M12 T-type adapter (PSSSSS, Plastic type) M12 - P 5A - S 5A ×5 - TPMNY Pins: A:2A 3A 4A 5A 6A 8A B:5B D:4D	
	M12 T-type cable type (PS) M12 - P 3A / S 3A - MWT+OPEN - 1 PV Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PUR	

M12·SMD RECEPTACLE ASSEMBLY

M12 male SMD type socket

M12 - P 3A - PSS

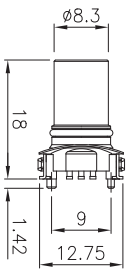
Pins:
A:2A 3A 4A 5A 6A
8A 12A 17A
B:5B
D:4D



M12 female SMD type socket

M12 - S 3A - PSS

Pins:
A:2A 3A 4A 5A 6A
8A 12A 17A
B:5B
D:4D



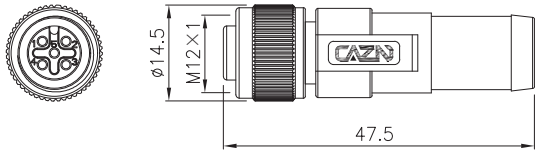
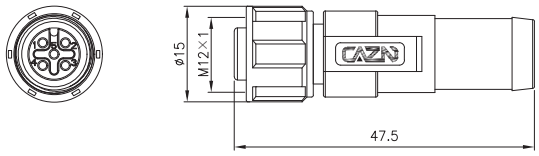
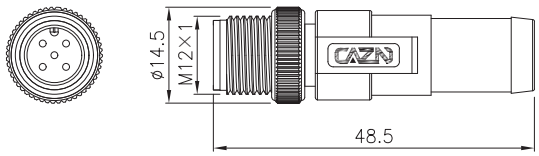
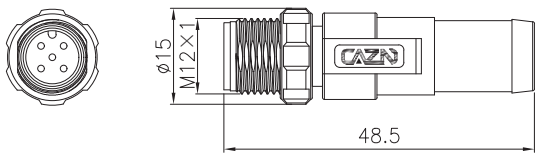
Front mount male shell
(Screw M12*1)
M12-PGBM12

Front mount female shell
(Screw M12*1)
M12-SGBM12

Back mount male shell
(Screw M12*1)
M12-PGFM12

Back mount male shell
(Screw M15*1)
M12-PGFM15

Back mount female shell
(Screw M15*1)
M12-SGFM15

PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	M12 female ohm terminal plug (120Ω) M12 - S 3A - MWO - 120 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D impedance: 120:120Ω	
	M12 female ohm terminal plug (120Ω, Plastic type) M12 - S 3A - MWO - 120PM Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D impedance: 120:120Ω	
	M12 male ohm terminal plug (120Ω) M12 - P 3A - MWO - 120 Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D impedance: 120:120Ω	
	M12 male ohm terminal plug (120Ω, Plastic type) M12 - P 3A - MWO - 120PM Pins: A:2A 3A 4A 5A 6A 8A 12A 17A B:5B C:3C 4C 5C 6C D:4D impedance: 120:120Ω	

M12·DUST COVER

M12 plastic dust cover (Inner screw)

Ring inner diameter	No.
ϕ 3mm	M12P-TV5P-3
ϕ 11.5mm	M12P-TV5P-11.5
ϕ 13mm	M12P-TV5P-13
ϕ 15mm	M12P-TV5P-15

M12 metal dust cover (Inner screw)

Ring inner diameter	No.
ϕ 3mm	M12G-TV1P-3
ϕ 12mm	M12G-TV1P-12
ϕ 16mm	M12G-TV1P-16

M12 plastic dust cover (Outer screw)

Ring inner diameter	No.
ϕ 3mm	M12P-TV5S-3
ϕ 11.5mm	M12P-TV5S-11.5
ϕ 13mm	M12P-TV5S-13
ϕ 15mm	M12P-TV5S-15

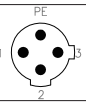
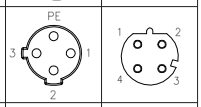
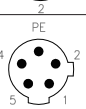
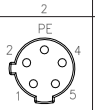
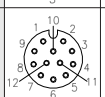
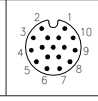
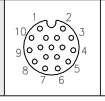
M12 metal dust cover (Outer screw)

Ring inner diameter	No.
ϕ 3mm	M12G-TV1S-3
ϕ 12mm	M12G-TV1S-12
ϕ 16mm	M12G-TV1S-16

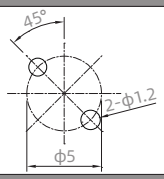
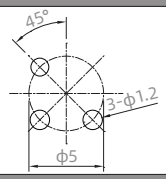
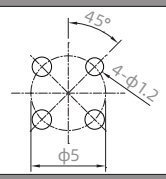
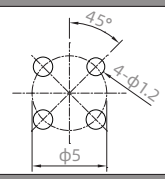
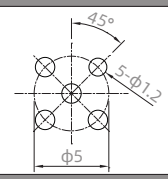
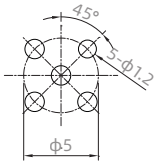
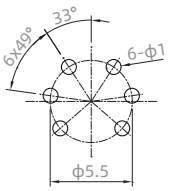
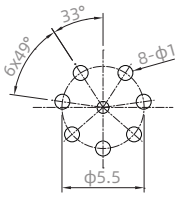
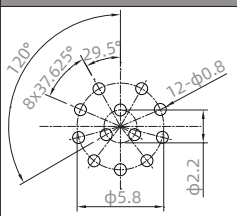
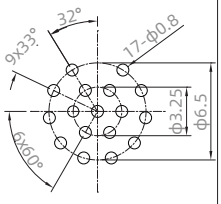
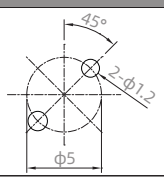
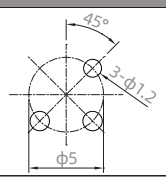
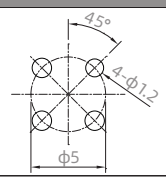
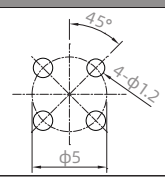
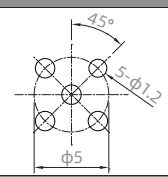
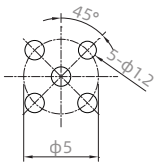
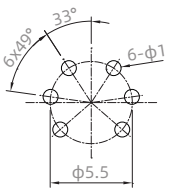
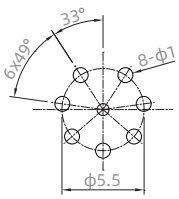
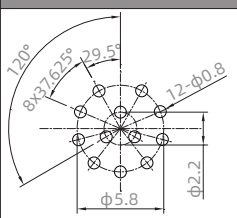
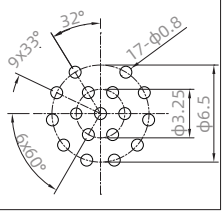
M12 plastic dust cover (Outer screw)

Ring inner diameter	No.
ϕ M12	M12P-TV6S

M12·ELECTRICAL PARAMETERS

No. of positions	Male coding				Ratedcurrent	Rated voltage		Conductor size		Female coding			
	A	B	C	D		A/C	D/C	AWG	mm²	A	B	C	D
2					4A	250V	250V	22	0.34				
3					4A	250V	250V	22	0.34				
4					4A	250V	250V	22	0.34				
5					4A:A coding B coding 2A:C coding	60V	60V	22	0.34				
6					2A	30V	30V	24	0.25				
8					2A	30V	30V	24	0.25				
12					1.5A	30V	30V	26	0.14				
17					1.5A	30V	30V	26	0.14				

M12·PCB PINS ARRANGEMENT

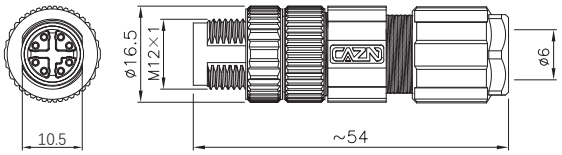
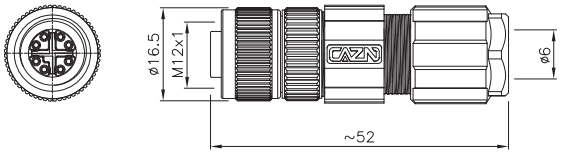
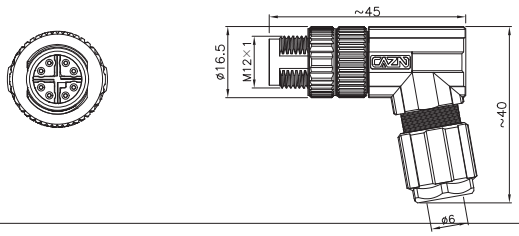
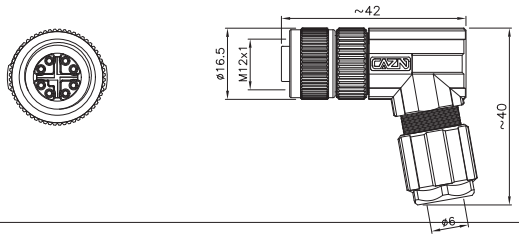
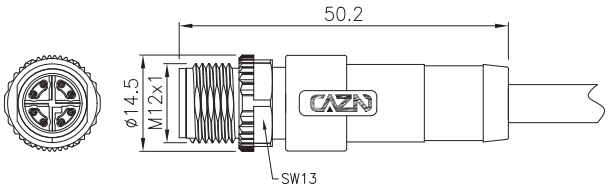
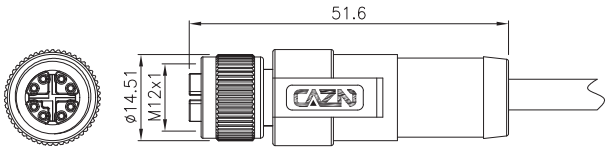
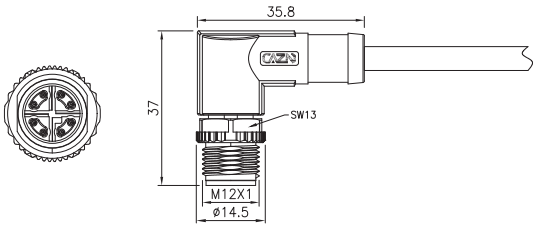
No. of positions	2A	3A	4A	4D	5A
Male PCB pins arrangement					
	5B	6A	8A	12A	17A
					
No. of positions	2A	3A	4A	4D	5A
Female PCB pins arrangement					
	5B	6A	8A	12A	17A
					

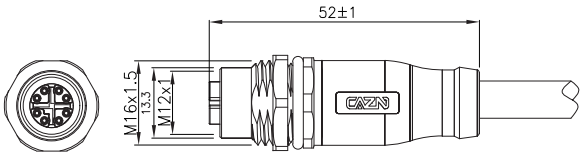
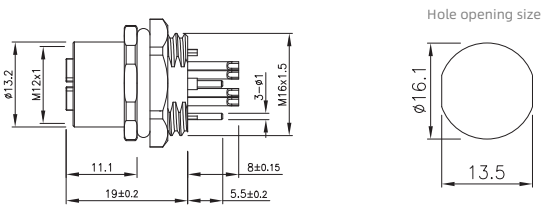
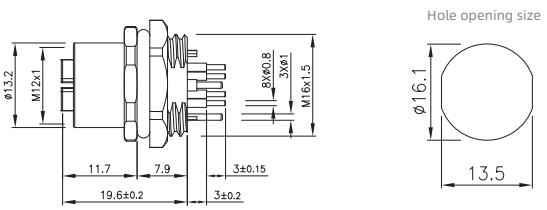
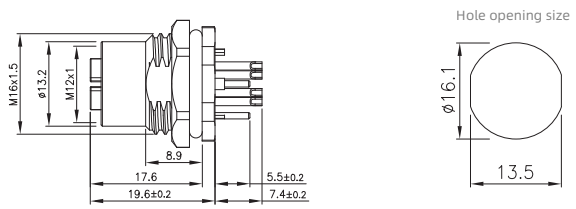
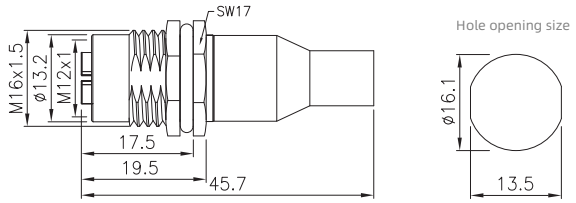
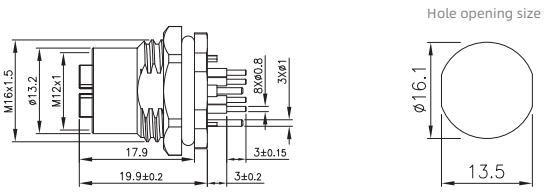
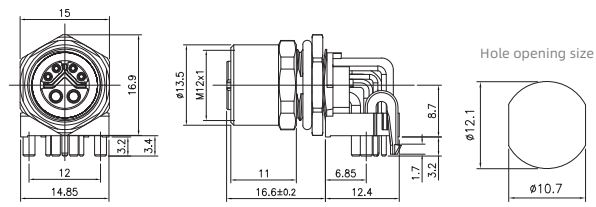
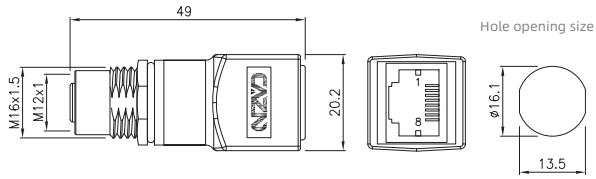
M12·WIRE DEFINITION

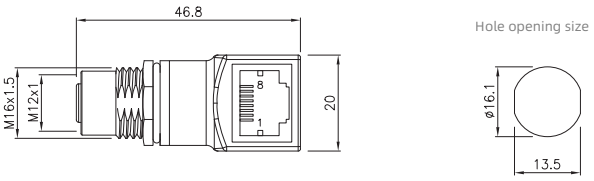
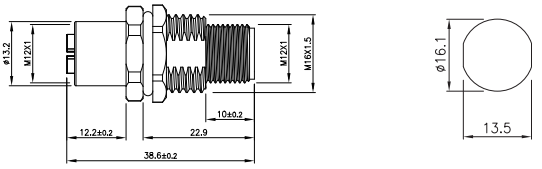
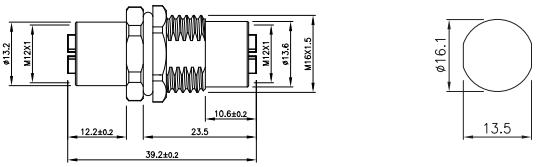
		Number of positions																
No. of positions	Coding	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2-pin	A	BN		BU														
3-pin	A	BN		BU	BK													
3-pin	C	BN		BU	BK													
4-pin	A	BN	WH	BU	BK													
4-pin	D	BN	WH	BU	BK													
4-pin (Profinet)	D	YE	WH	OG	BU													
5-pin	A	BN	WH	BU	BK	GY												
5-pin	B	BN	WH	BU	BK	GY												
5-pin	C	BN	WH	BU	BK	GY												
6-pin	A	BN	WH	BU	BK	GY	PK											
6-pin	C	BN	WH	BU	BK	GY	PK											
8-pin	A	WH	BN	GN	YE	GY	PK	BU	RD									
12-pin	A	BN	BU	WH	GN	PK	YE	BK	GY	RD	VT	OG	LTGN					
17-pin	A	BN	BU	WH	GN	PK	YE	BK	GY	RD	VT	OG	LTGN	LTBU	BK WH	BN WH	RD WH	BU WH

* This wiring definition is for reference only.
For protocol-based configurations, consult our sales team.

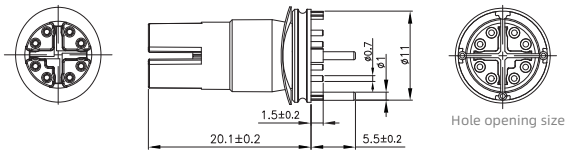
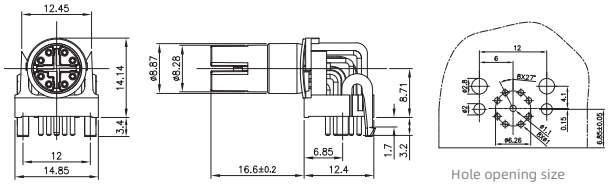
M12 DATA TYPE —— X CODING/Y CODING

PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	M12 straight male metal assembled plug (Data type,Crimp, PG9) M12 - P 8X - GCA P9 - ZN Pins: X:8X Y:6Y 8Y	
	M12 straight female metal assembled plug (Data type,Solder, PG9) M12 - S 8X - GWA P9 - ZN Pins: X:8X Y:6Y 8Y	
	M12 angled male metal assembled plug (Data type, Solder, PG9) M12 - P 8X - GCD P9 - ZN Pins: X:8X Y:6Y 8Y	
	M12 angled female metal assembled plug (Data type, Solder, PG9) M12 - S 8X - GWD P9 - ZN Pins: X:8X Y:6Y 8Y	
Unshielded Shielded 	M12 straight male overmolded plug (Data type, Shielded) M12 - P 8X - GWA -1 PV - S Pins: X:8X Y:6Y 8Y Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
Unshielded Shielded 	M12 straight female overmolded plug (Data type, Shielded) M12 - S 8X - GWA -1 PV - S Pins: X:8X Y:6Y 8Y Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
Unshielded Shielded 	M12 angled male overmolded plug (Data type, Shielded) M12 - P 8X - GWD -1 PV - S Pins: X:8X Y:6Y 8Y Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	

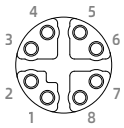
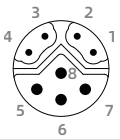
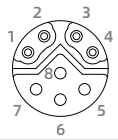
PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
Unshielded Shielded 	M12 straight female overmolded socket (Screw M16*1.5) M12 - S 8X - MWF M16 - 1 PV - S Pins: X:8X Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
	M12 female front mount socket (Data type, Solder, Screw M16*1.5) M12 - S 8X - GWB M16 Pins: X:8X Y:6Y 8Y	
	M12 female front mount socket (Data type, PCB, Screw M16*1.5) M12 - S 8X - GPB M16 Pins: X:8X Y:6Y 8Y	
	M12 female back mount socket (Data type, Solder, Screw M16*1.5) M12 - S 8X - GWF M16 Pins: X:8X Y:6Y 8Y	
	M12 female back mount socket (Data type, Solder, Screw M16*1.5, Shielded) M12 - S 8X - GWF M16 - PBG Pins: X:8X Y:6Y 8Y Screw: M16:M16x1.5 PG9:PG9	
	M12 female back mount socket (Data type, PCB, Screw M16*1.5) M12 - S 8X - GPF M16 Pins: X:8X Y:6Y 8Y	
Ungrounded Grounded 	M12 angle female socket (PCB, Screw M12*1) M12 - S 6Y - GPL M12 - F JD Pins: X:8X Y:6Y 8Y JD:Grounded Empty:Ungrounded	
	M12 straight female to RJ45 adapter 180° (Data type) M12 - S 8X - RJ45 F8 - ASCNY	

PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	M12 angled female to RJ45 adapter 90° (Data type) M12 - S 8X - RJ45 F8 - DSCNY	
	M12 I-type adapter (PS, M12-M12, metal style) M12 - P 8X - S 8X - IGASN	
	M12 I-type adapter (SS, M12-M12, metal style) M12 - S 8X - S 8X - IGASN	

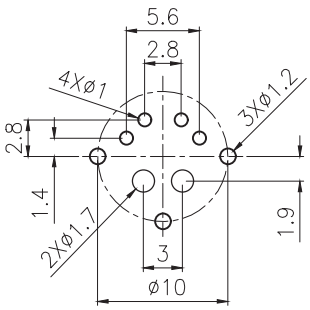
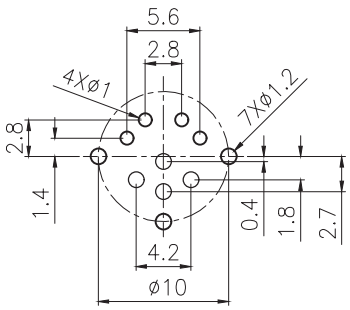
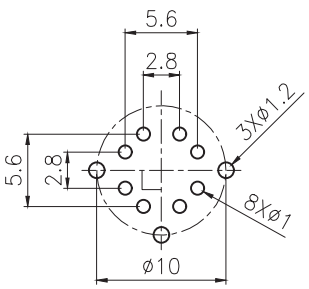
M12·SOCKET INSERT AND HOUSING ACCESSORIES(X-CODING)

	M12 SMD type female socket (PCB) M12 - S 8X - PSS Pins: X:8X Y:6Y 8Y	
	M12 right angle female socket (PCB) M12 - S 8X - PPL Pins: X:8X Y:6Y 8Y	
	Front mount female shell (Screw M12*1) M12-SGBM12-X	
	Back mount female shell (Screw M12*1) M12-SGFM12-X	

M12(XY)·ELECTRICAL PARAMETERS

Interface code type	Pins	Male coding	Ratedcurrent	Rated voltage		Conductor size		Female coding
				A/C	D/C	AWG	mm²	
X coding	8X		0.5A	50V	60V	26~24	0.14~0.25	
Y coding	6Y		0.5A/12A	30V	30V	2×26AWG + 4×20AWG	0.14~0.5	
	8Y		0.5A/6A	30V	30V	4×26AWG + 4×20AWG	0.14~0.5	

M12(XY)·PCB PINS ARRANGEMENT

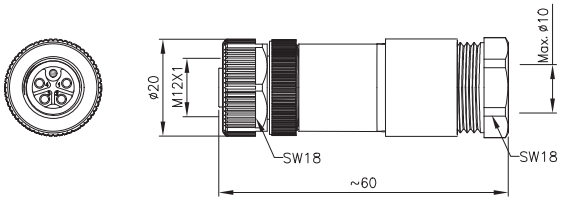
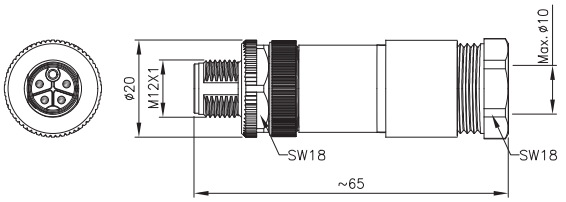
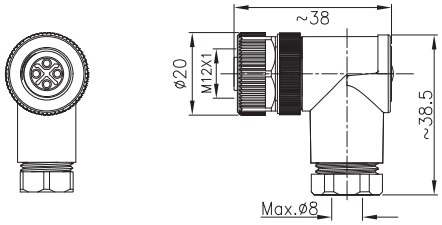
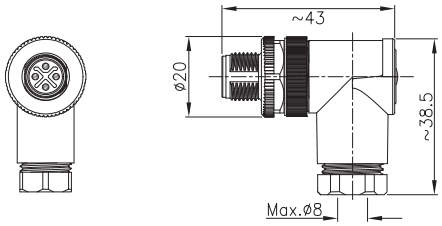
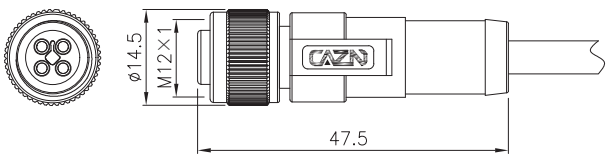
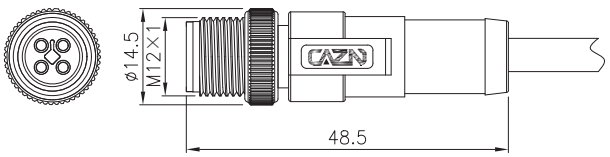
Pins	6Y	8Y	8X
PCB pins arrangement			

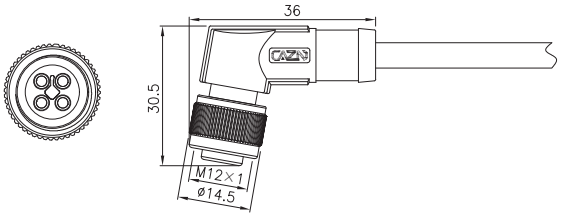
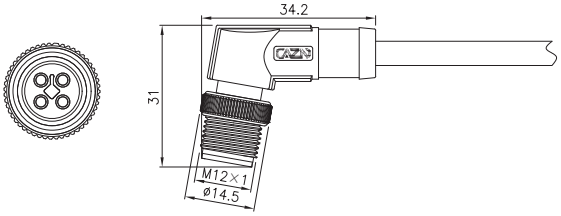
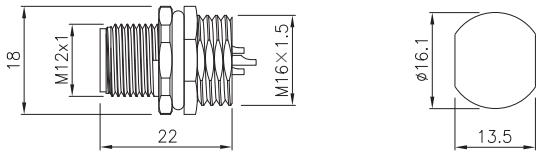
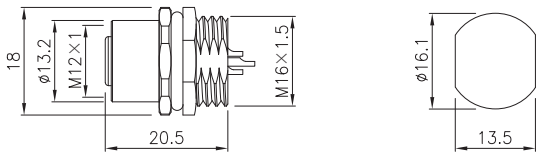
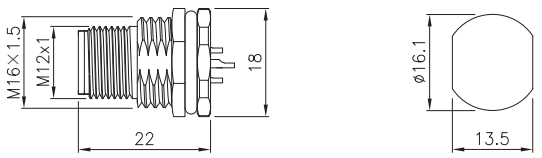
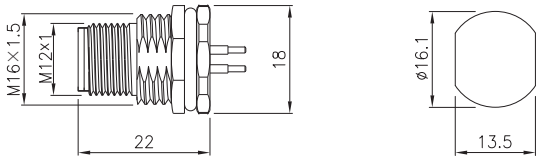
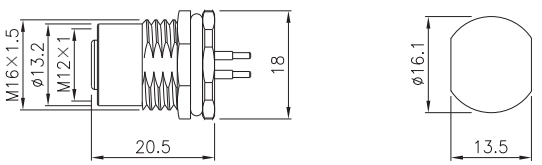
M12(XY)·WIRE DEFINITION

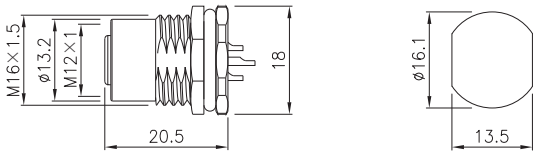
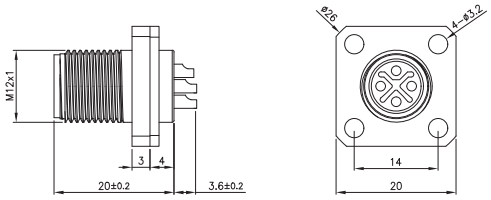
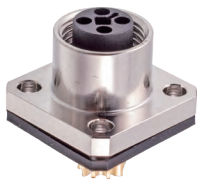
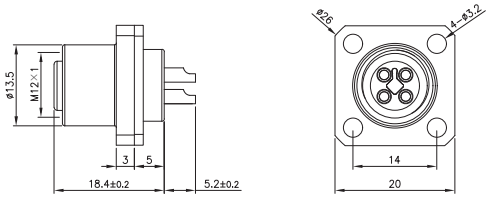
		Number of positions							
No. of positions	Coding	1	2	3	4	5	6	7	8
6-pins	Y	WH / OG	OG	WH / GN	GN	BN	BU		
8-pins	X	WH / OG	OG	WH / GN	GN	WH / BN	BN	WH / BU	BU
8-pins	Y	WH / OG	OG	WH / GN	GN	BU	WH	BN	BK

* This wiring definition is for reference only.
For protocol-based configurations, consult our sales team.

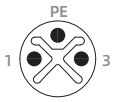
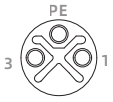
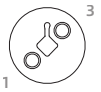
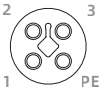
M12 POWER TYPE —— S T K L M CODING

PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	M12 straight female plastic assembled plug (Power type, Screw) M12 - S 4L - PLA P9 - NP Pins: S:2 3 4 / T:2 3 4 / K:2 3 4 5 / L:2 3 4 5 / M:2 3 4 5 Outlet: P9:PG9 / P11:PG11 NP:Ungrounded / Empty:Grounded	
	M12 straight male plastic assembled plug (Power type, Screw) M12 - P 4L - PLA P9 - NP Pins: S:2 3 4 / T:2 3 4 / K:2 3 4 5 / L:2 3 4 5 / M:2 3 4 5 Outlet: P9:PG9 / P11:PG11 NP:Ungrounded / Empty:Grounded	
	M12 angled female plastic assembled plug (Power type, Screw, PG9) M12 - S 4S - PLD P9 - NP Pins: S:2 3 4 / T:2 3 4 / K:2 3 4 5 / L:2 3 4 5 / M:2 3 4 5 NP:Ungrounded / Empty:Grounded	
	M12 angled male plastic assembled plug (Power type, Screw, PG9) M12 - P 4L - PLD P9 - NP Pins: S:2 3 4 / T:2 3 4 / K:2 3 4 5 / L:2 3 4 5 / M:2 3 4 5 NP:Ungrounded / Empty:Grounded	
Unshielded Shielded 	M12 straight female plastic plug (Power type) M12 - S 2S - MWA - 1 PV - S - NP Pins: S:2 3 4 / T:2 3 4 / K:2 3 4 5 / L:2 3 4 5 / M:2 3 4 5 Cable(M): 1:1M / 2.5:2.5M / ..... Wire: PV:PVC / PU:PU / TF:PTFE / PE:PE S:Shielded / Empty:Unshielded NP:Ungrounded / Empty:Grounded	
Unshielded Shielded 	M12 straight male plastic plug (Power type) M12 - P 2S - MWA - 1 PV - S - NP Pins: S:2 3 4 / T:2 3 4 / K:2 3 4 5 / L:2 3 4 5 / M:2 3 4 5 Cable(M): 1:1M / 2.5:2.5M / ..... Wire: PV:PVC / PU:PU / TF:PTFE / PE:PE S:Shielded / Empty:Unshielded NP:Ungrounded / Empty:Grounded	

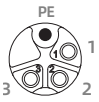
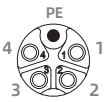
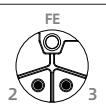
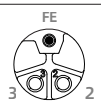
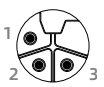
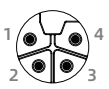
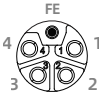
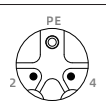
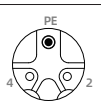
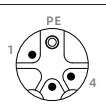
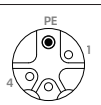
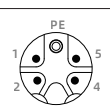
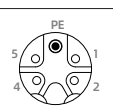
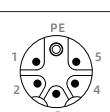
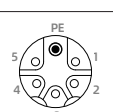
PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
Unshielded Shielded 	**M12 angled female overmolded plug** (Power type) M12 - S 2S - MWD - 1 PV - S - NP Pins: S:2 3 4 / T:2 3 4 / K:2 3 4 5 / L:2 3 4 5 / M:2 3 4 5 Cable(M): 1:1M / 2.5:2.5M / ..... Wire: PV:PVC / PU:PU / TF:PTFE / PE:PE S:Shielded Empty:Unshielded NP:Ungrounded Empty:Grounded	
Unshielded Shielded 	**M12 angled male overmolded plug** (Power type) M12 - P 2S - MWD - 1 PV - S - NP Pins: S:2 3 4 / T:2 3 4 / K:2 3 4 5 / L:2 3 4 5 / M:2 3 4 5 Cable(M): 1:1M / 2.5:2.5M / ..... Wire: PV:PVC / PU:PU / TF:PTFE / PE:PE S:Shielded Empty:Unshielded NP:Ungrounded Empty:Grounded	
	**M12 male front mount socket** (Power type, Solder, Screw M16*1.5) M12 - P 4L - GWB M16 - NP Pins: S:2 3 4 / T:2 3 4 / K:2 3 4 5 / L:2 3 4 5 / M:2 3 4 5 NP:Ungrounded Empty:Grounded	Hole opening size 
	**M12 female front mount socket** (Power type, Solder, Screw M16*1.5) M12 - S 4L - GWB M16 - NP Pins: S:2 3 4 / T:2 3 4 / K:2 3 4 5 / L:2 3 4 5 / M:2 3 4 5 NP:Ungrounded Empty:Grounded	Hole opening size 
	**M12 male back mount socket** (Power type, Solder, Screw M16*1.5) M12 - P 4L - GWF M16 - NP Pins: S:2 3 4 / T:2 3 4 / K:2 3 4 5 / L:2 3 4 5 / M:2 3 4 5 NP:Ungrounded Empty:Grounded	Hole opening size 
	**M12 male back mount socket** (Power type, PCB, Screw M16*1.5) M12 - P 4L - GPF M16 - NP Pins: S:2 3 4 / T:2 3 4 / K:2 3 4 5 / L:2 3 4 5 / M:2 3 4 5 NP:Ungrounded Empty:Grounded	Hole opening size 
	**M12 female back mount socket** (Power type, PCB, Screw M16*1.5) M12 - S 4L - GPF M16 - NP Pins: S:2 3 4 / T:2 3 4 / K:2 3 4 5 / L:2 3 4 5 / M:2 3 4 5 NP:Ungrounded Empty:Grounded	Hole opening size 

PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
	M12 female back mount socket (Power type, Solder, Screw M16*1.5) M12 - S 4L - GWF M16 - NP Pins: S:2 3 4 T:2 3 4 K:2 3 4 5 L:2 3 4 5 M:2 3 4 5 NP:Ungrounded Empty:Grounded	
	M12 square flange male socket (Power type, Solder, 14*14) M12 - P 4L - GWH - NP Pins: S:2 3 4 T:2 3 4 K:2 3 4 5 L:2 3 4 5 M:2 3 4 5 NP:Ungrounded Empty:Grounded	
	M12 square flange female socket (Power type, Solder, 14*14) M12 - S 4L - GWH - NP Pins: S:2 3 4 T:2 3 4 K:2 3 4 5 L:2 3 4 5 M:2 3 4 5 NP:Ungrounded Empty:Grounded	

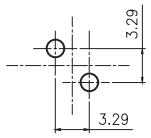
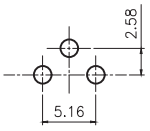
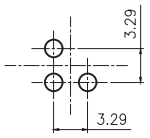
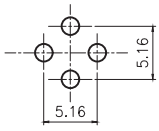
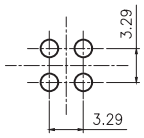
M12(ST)·ELECTRICAL PARAMETERS

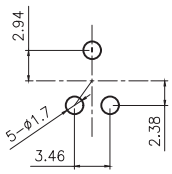
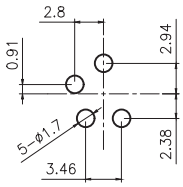
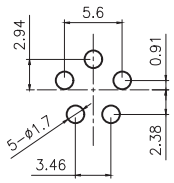
Interface Code type	Pins	Male coding	Ratedcurrent	Rated voltage		Conductor size		Female coding
				A/C	D/C	AWG	mm²	
S coding	2		12A	630V	630V	16	1.5	
	2+PE		12A	630V	630V	16	1.5	
	3+PE		12A	630V	630V	16	1.5	
T coding	2		12A	60V	60V	16	1.5	
	2+PE		12A	60V	60V	16	1.5	
	3+PE		12A	60V	60V	16	1.5	

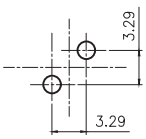
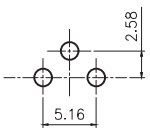
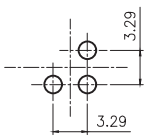
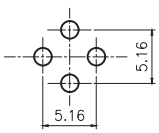
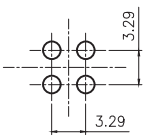
M12(LKM)·ELECTRICAL PARAMETERS

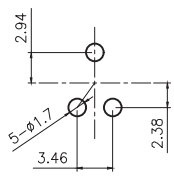
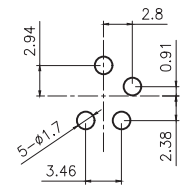
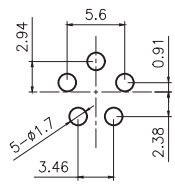
Interface Code type	Pins	Male coding	Ratedcurrent	Rated voltage		Conductor size		Female coding
				A/C	D/C	AWG	mm²	
K coding	2		16A	800V	800V	16	1.5	
	2+PE		16A	800V	800V	16	1.5	
	3+PE		16A	800V	800V	16	1.5	
	4+PE		16A	800V	800V	16	1.5	
L coding	2		16A	63V	63V	16	1.5	
	2+FE		16A	63V	63V	16	1.5	
	3		16A	63V	63V	16	1.5	
	3+FE		16A	63V	63V	16	1.5	
	4		16A	63V	63V	16	1.5	
	4+FE		16A	63V	63V	16	1.5	
M coding	2		8A	630V	630V	16	1.5	
	2+PE		8A	630V	630V	16	1.5	
	3+PE		8A	630V	630V	16	1.5	
	4+PE		8A	630V	630V	16	1.5	
	5+PE		8A	630V	630V	16	1.5	

M12(STLK)·PCB PINS ARRANGEMENT

Pins	2T	3S	3T	4S	4T
Male PCB pins arrangement					

3K/3L	4K/4L	5K/5L
		

Pins	2T	3S	3T	4S	4T
Female PCB pins arrangement					

3K/3L	4K/4L	5K/5L
		

M12(STLKM)·WIRE DEFINITION

		Number of positions				
Connector	Pins	1	2	3	4	PE
Plug and Wiring harness	3S	BN		BU		YE GN
	4S	BN	RD	BU		YE GN
	2T	BN		BU		
	3T	BN		BU		YE GN
	4T	BN	RD	BU		YE GN
	3K		BN	BU		YE GN
	4K	BN	RD	BU		YE GN
	5K	BK1	BK2	BK3	BK4	YE GN
	3L		BN	BU		YE GN
	4L	BN	RD	BU		YE GN
	5L	BK1	BK2	BK3	BK4	YE GN
	2L (No PE)		BN	BU		
	3L (No PE)	BN	BU	YE GN		
	4L (No PE)	BN	RD	BU	YE GN	

* This wiring definition is for reference only.
For protocol-based configurations, consult our sales team.

M14 Series

Most connectors are excellent for full shielding at 360 degrees

Plug: Overmolded cable type (length can be customized at will)

Socket: Front Mount Solder Type, Back Mount Solder Type and PCB board type

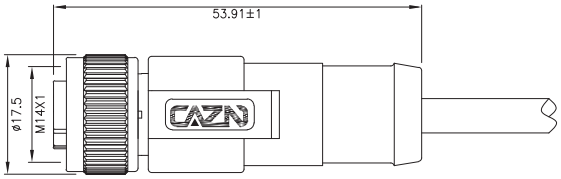
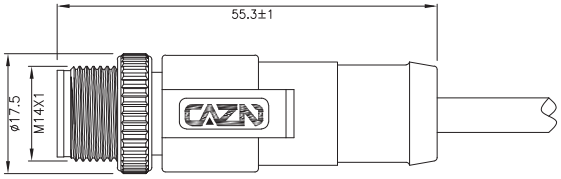
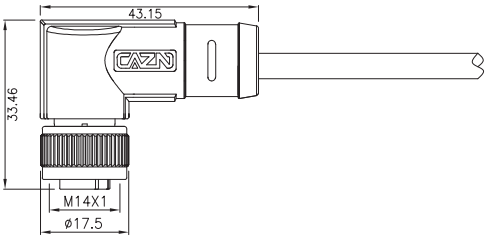
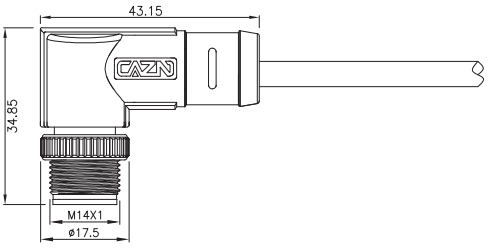
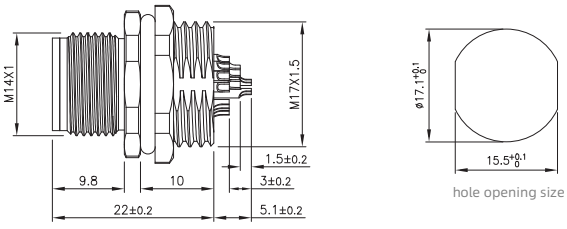
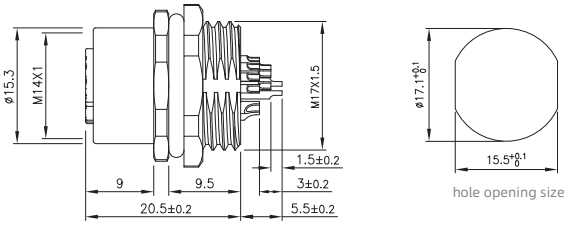
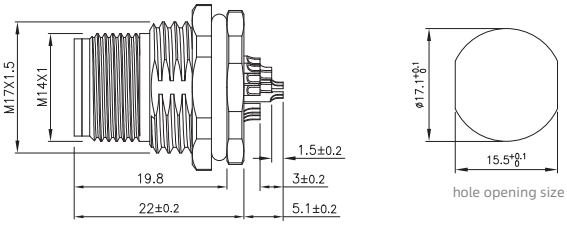
Waterproof grade: IP65, IP67

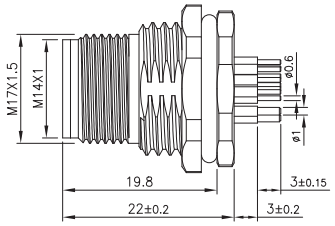
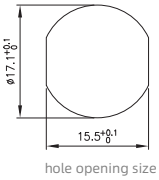
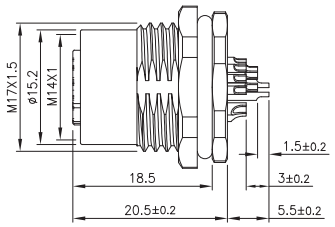
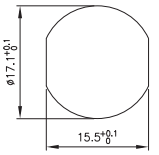
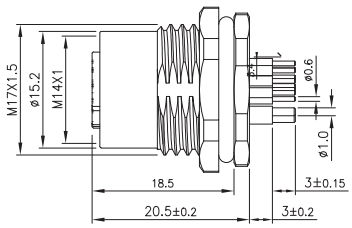
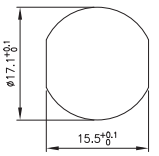
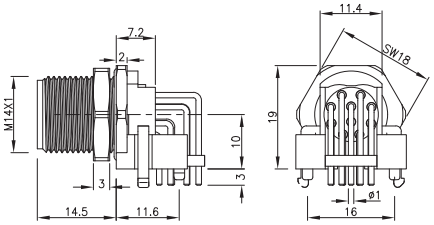
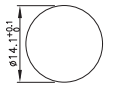
Pins Number: 18 pins

The products comply with IPC-A-620 standard

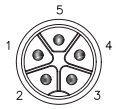
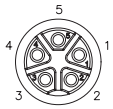
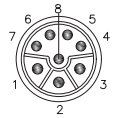
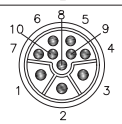
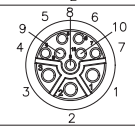
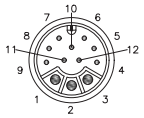
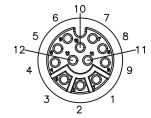
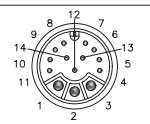
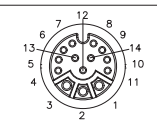
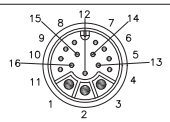
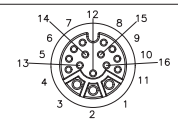
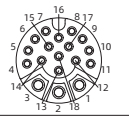
Product Parameters

SHELL MATERIAL	Brass / Brass nickel plated	POLLUTION LEVEL	3
SEALING MATERIAL	Epoxy resin / Rubber	CONTACT IMPEDANCE	⩽3mΩ
CONTACT MATERIAL	Brass Phosphorus copper gold-plated	DURABILITY	⩾500 Cycles
INSULATOR MATERIAL	PA66	APPLICABLE TEMPERATURE	-25℃ ~ +80℃
MOLDING MATERIAL	TPU / PVC	INSULATION IMPEDANCE	⩾100MΩ

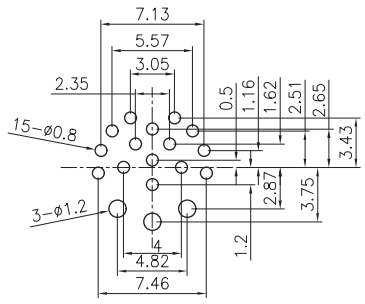
Product figure	Name/Type No.	Dimensions
	M14 Straight Female Overmolded Plug M14 - S 18 - MWA - 1 PV Pins: A: 5 8 10 12 14 16 18 Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE	
	M14 Straight Male Overmolded Plug M14 - P 18 - MWA - 1 PV Pins: A: 5 8 10 12 14 16 18 Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE	
	M14 Angled Female Overmolded Plug M14 - S 18 - MWD - 1 PV Pins: A: 5 8 10 12 14 16 18 Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE	
	M14 Angled Male Overmolded Plug M14 - P 18 - MWD - 1 PV Pins: A: 5 8 10 12 14 16 18 Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE	
	M14 Male Front Mount Socket (Solder, Screw M17*1.5) M14 - P 18 - GWB M17 Pins: A: 5 8 10 12 14 16 18	
	M14 Female Front Mount Socket (Solder, Screw M17*1.5) M14 - S 18 - GWB M17 Pins: A: 5 8 10 12 14 16 18	
	M14 Male Back Mount Socket (Solder, Screw M17*1.5) M14 - P 18 - GWF M17 Pins: A: 5 8 10 12 14 16 18	

Product figure	Name/Type No.	Dimensions
	M14 Male Back Mount Socket (PCB) M14 - P 18 - GPF M17 Pins: A: 5 8 10 12 14 16 18	  hole opening size
	M14 Female Back Mount Socket (Solder, Screw M17*1.5) M14 - S 18 - GWF M17 Pins: A: 5 8 10 12 14 16 18	  hole opening size
	M14 Female Back Mount Socket (PCB) M14 - S 18 - GPF M17 Pins: A: 5 8 10 12 14 16 18	  hole opening size
Ungrounded Grounded 	M14 Angle Male Socket (PCB, Screw M14*1) M14 - P 18 - GPL M14 - JD Pins: A: 5 8 10 12 14 16 18 JD:Grounded Empty:Ungrounded	 hole opening size 

M14·Electrical Parameters

No. of positions	Male coding	Ratedcurrent	Rated voltage		Conductor size		Female coding
			A/C	D/C	AWG	mm²	
5		12A	630V	630V	16	1.5	
8		5A	60V	60V	16	1.5	
10		5A	60V	60V	16	1.5	
12		2A/5A	30V	250V	16	1.5	
14		1A/5A	30V	250V	26/22	1.0/1.3	
16		1A/5A	30V	250V	26/22	1.0/1.3	
18		1A/5A	30V	250V	26/22	1.0/1.3	

M14·PCB Pins Arrangement

No. of positions	18P
Arrangement	

M14·Wire Definition

		Number of positions																	
No. of positions	Coding	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
18-pin	A	OG WH	BU WH	GN WH	BN	BU	WH	GN	PK	YE	BK	GY	RD	VT	OG	LTGN	LTBU	BK WH	BN WH

* This wiring definition is for reference only.
For protocol-based configurations, consult our sales team.

M16 Series

Products comply with IEC 61076-2-106-2012 AISG Standard

Most connectors are excellent for full shielding at 360° degrees

Plug: assembly, Overmolded cable type (length can be customized at will)

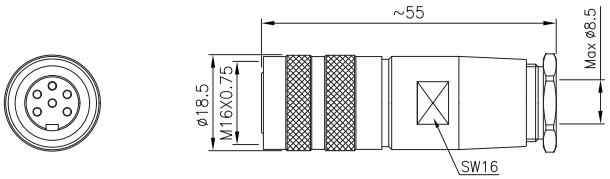
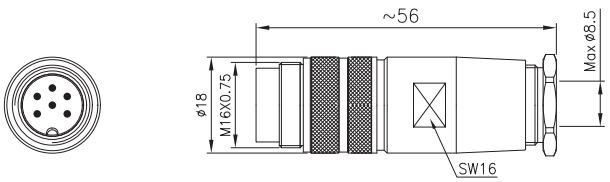
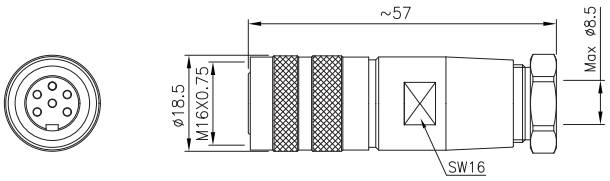
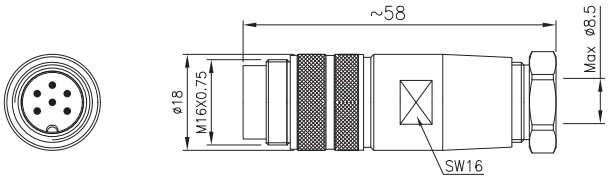
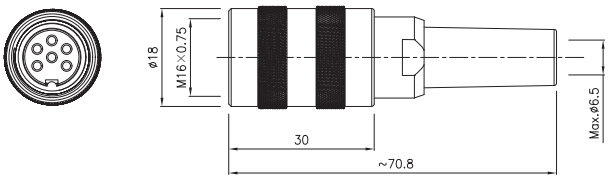
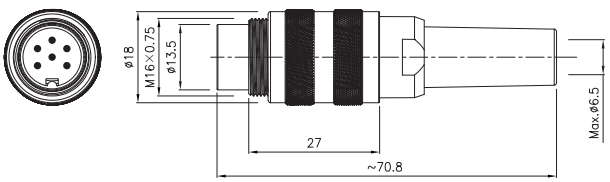
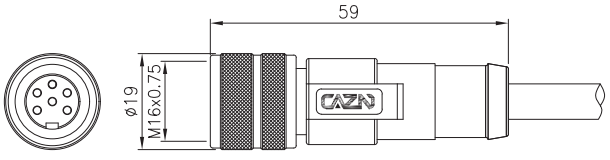
Socket: Front Mount Solder Type, Back Mount Solder Type and PCB board type

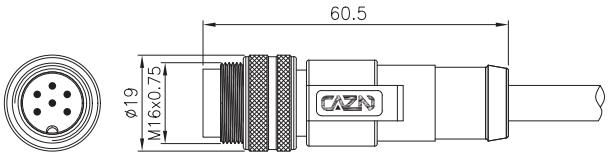
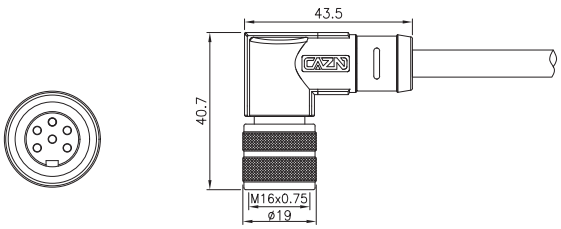
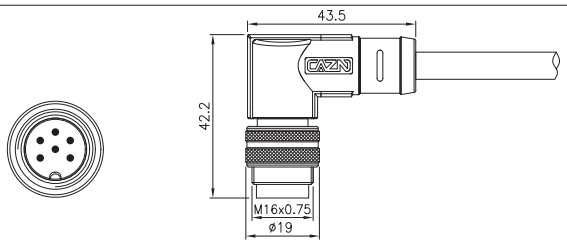
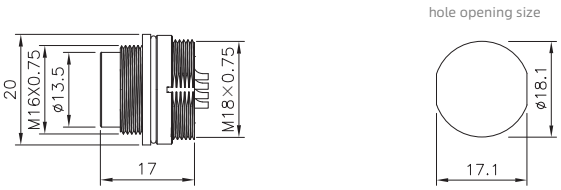
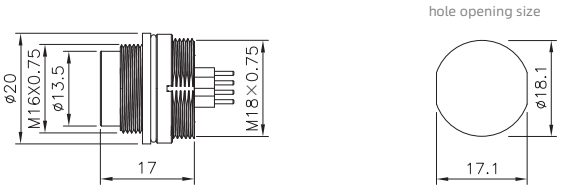
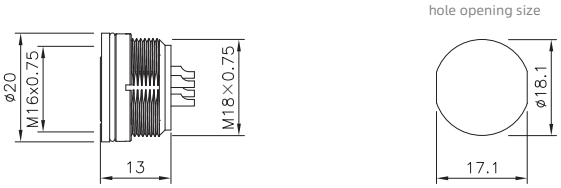
Waterproof grade: IP65, IP67

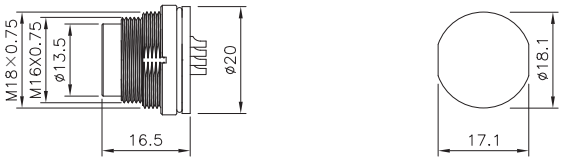
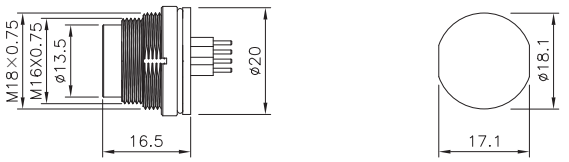
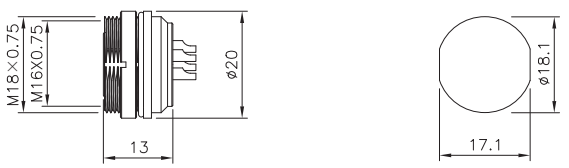
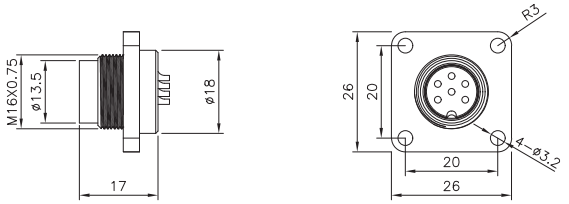
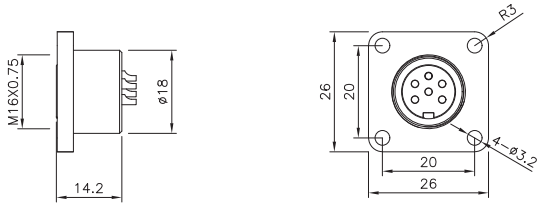
Pins Number: 2-24 pins

Product Parameters

SHELL MATERIAL	Brass / Zinc alloy nickel Brass nickel plated	CONTACT IMPEDANCE	⩽5mΩ
SEALING MATERIAL	Epoxy resin / Rubber	DURABILITY	⩾500 Cycles
CONTACT MATERIAL	Brass Phosphorus copper gold-plated	WIRING RANGE	PG7:4~6mm; PG9:6~8mm
INSULATOR MATERIAL	PA66	APPLICABLE TEMPERATURE	-25℃ ~ +80℃
MOLDING MATERIAL	TPU / PVC		

Product figure	Name/Type No.	Dimensions
	M16 Straight Female All-metal Shell Assembled plug (Solder) M16 - S 19 - GWA P9 Pins: routine: 2 3 4 5 6 7 8 12 14 16 19 24 A:5A 7A 14A outlet: P7:PG7(Accessory) P9:PG9 P13:PG13.5	
	M16 Straight Male All-metal Shell Assembled plug (Solder) M16 - P 19 - GWA P9 Pins: routine: 2 3 4 5 6 7 8 12 14 16 19 24 A:5A 7A 14A outlet: P7:PG7(Accessory) P9:PG9 P13:PG13.5	
	M16 Straight Female Metal Shell Lock Nut Pastic Assembled Plug (Solder) M16 - S 19 - GWA P9 - PL Pins: routine: 2 3 4 5 6 7 8 12 14 16 19 24 A:5A 7A 14A outlet: P7:PG7(Accessory) P9:PG9	
	M16 Straight Male Metal Shell Lock Nut Pastic Assembled Plug (Solder) M16 - P 19 - GWA P9 - PL Pins: routine: 2 3 4 5 6 7 8 12 14 16 19 24 A:5A 7A 14A outlet: P7:PG7(Accessory) P9:PG9	
	M16 Straight Female Assembled Plug (Solder, Plastic tube) M16 - S 19 - PWA 6D5 - PT Pins: routine: 2 3 4 5 6 7 8 12 14 16 19 24 A:5A 7A 14A	
	M16 Straight Male Assembled Plug (Solder, Plastic tube) M16 - P 19 - PWA 6D5 - PT Pins: routine: 2 3 4 5 6 7 8 12 14 16 19 24 A:5A 7A 14A	
Unshielded Shielded 	M16 Straight Female Overmolded Plug M16 - S 19 - MWA - 1 PV - S Pins: routine: 2 3 4 5 6 7 8 12 14 16 19 24 A:5A 7A 14A Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	

Product figure	Name/Type No.	Dimensions
Unshielded Shielded 	M16 Straight Male Overmolded Plug M16 - P 19 - MWA - 1 PV - S Pins: routine: 2 3 4 5 6 7 8 12 14 16 19 24 A:5A 7A 14A Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
Unshielded Shielded 	M16 Angled Female Overmolded Plug M16 - S 19 - MWD - 1 PV - S Pins: routine: 2 3 4 5 6 7 8 12 14 16 19 24 A:5A 7A 14A Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
Unshielded Shielded 	M16 Angled Male Overmolded Plug M16 - P 19 - MWD - 1 PV - S Pins: routine: 2 3 4 5 6 7 8 12 14 16 19 24 A:5A 7A 14A Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE S:Shielded Empty:Unshielded	
	M16 Male Front Mount Socket (Solder, Screw M18*0.75) M16 - P 19 - GWB M18 Pins: routine: 2 3 4 5 6 7 8 12 14 16 19 24 A:5A 7A 14A	
	M16 Male Front Mount Socket (PCB, Screw M18*0.75) M16 - P 19 - GPB M18 Pins: routine: 2 3 4 5 6 7 8 12 14 16 19 24 A:5A 7A 14A	
	M16 Female Front Mount Socket (Solder, Screw M18*0.75) M16 - S 19 - GWB M18 Pins: routine: 2 3 4 5 6 7 8 12 14 16 19 24 A:5A 7A 14A	
	M16 Female Front Mount Socket (PCB, Screw M18*0.75) M16 - S 19 - GPB M18 Pins: routine: 2 3 4 5 6 7 8 12 14 16 19 24 A:5A 7A 14A	

Product figure	Name/Type No.	Dimensions
	M16 Male Back Mount Socket (Solder, Screw M18*0.75) M16 - P 19 - GWF M18 Pins: routine: 2 3 4 5 6 7 8 12 14 16 19 24 A:5A 7A 14A	
	M16 Male Back Mount Socket (PCB, Screw M18*0.75) M16 - P 19 - GPF M18 Pins: routine: 2 3 4 5 6 7 8 12 14 16 19 24 A:5A 7A 14A	
	M16 Female Back Mount Socket (Solder, Screw M18*0.75) M16 - S 19 - GWF M18 Pins: routine: 2 3 4 5 6 7 8 12 14 16 19 24 A:5A 7A 14A	
	M16 Female Back Mount Socket (PCB, Screw M18*0.75) M16 - S 19 - GPF M18 Pins: routine: 2 3 4 5 6 7 8 12 14 16 19 24 A:5A 7A 14A	
	M16 Male Square Socket (Solder type, Mount hole 20*20) M16 - P 19 - GWH Pins: routine: 2 3 4 5 6 7 8 12 14 16 19 24 A:5A 7A 14A	
	M16 Female Square Socket (Solder type, Mount hole 20*20) M16 - S 19 - GWH Pins: routine: 2 3 4 5 6 7 8 12 14 16 19 24 A:5A 7A 14A	

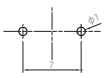
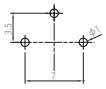
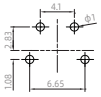
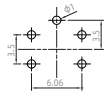
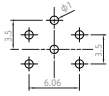
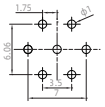
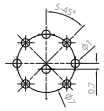
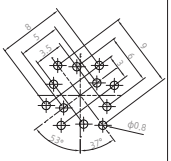
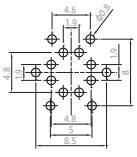
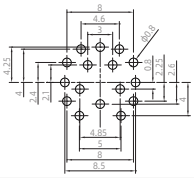
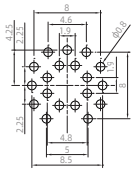
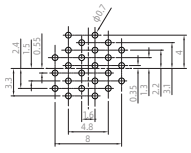
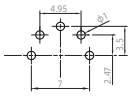
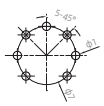
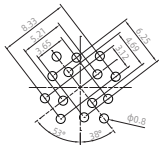
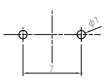
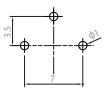
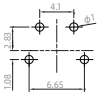
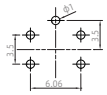
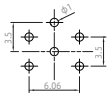
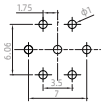
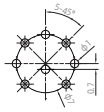
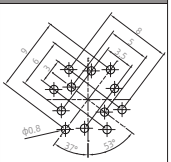
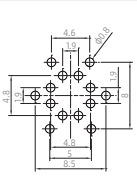
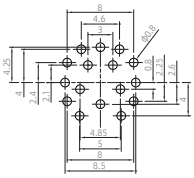
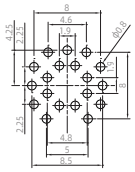
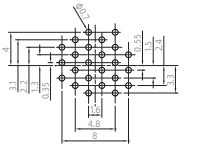
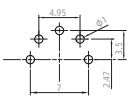
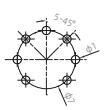
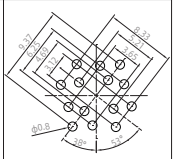
M16·Dust Cover

M16 Plastic Dust Cover (Inner screw)		M16 Metal Dust Cover (Inner screw)	
	Ring inner diameter / No. ϕ 3mm / M16P-TV5P-3 ϕ 18mm / M16P-TV5P-18		Ring inner diameter / No. ϕ 3mm / M16G-TV1P-3 ϕ 18mm / M16G-TV1P-18
M16 Plastic Dust Cover (Outer screw)		**M16 Metal Dust Cover (Outer screw)**	
	Ring inner diameter / No. ϕ 3mm / M16P-TV5S-3 ϕ 18mm / M16P-TV5S-18		Ring inner diameter / No. ϕ 3mm / M16G-TV1S-3 ϕ 18mm / M16G-TV1S-18

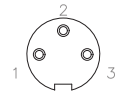
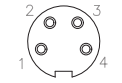
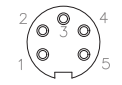
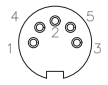
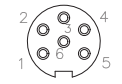
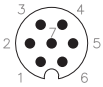
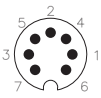
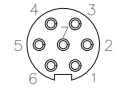
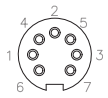
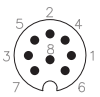
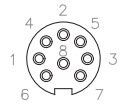
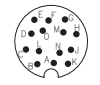
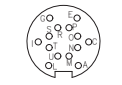
M16·Accessories

M16 Nut wrench		
 Semicircle: M16-LUZJ-002	 Round style: M16-LUZJ-001	 Slice type: P08-WR-M16001

M16·PCB Pins Arrangement

No. of positions	2P	3P	4P	5P	6P	7P	8P	12P
Male coding								
	14P	16P	19P	24P	5A	7A	14A	
								
Pins	2P	3P	4P	5P	6P	7P	8P	12P
Female coding								
	14P	16P	19P	24P	5A	7A	14A	
								

M16·Electrical Parameters

No. of positions	Male coding		Ratedcurrent	Rated voltage		Conductor size		Female coding	
	General coding	A coding		A/C	D/C	AWG	mm²	General coding	A coding
2			7A	250V	32V	20	0.75		
3			7A	250V	32V	20	0.75		
4			6A	250V	32V	20	0.75		
5			6A	250V	32V	20	0.75		
6			5A	250V	32V	20	0.75		
7			5A	125V	32V	20	0.75		
8			5A	60V	32V	20	0.75		
12			3A	60V	32V	24	0.25		
14			3A	60V	32V	24	0.25		
16			3A	60V	32V	24	0.25		
19			3A	60V	32V	24	0.25		
24			1A	60V	32V	26	0.14		

M23 Series

Pins Number: Signal-6 7 9 12 17 19 pins; Power-6 8 pins

Two types: Signal and Power

Plug: assembly, cold-pressure construction

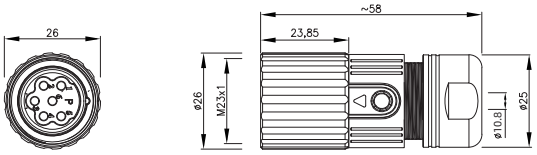
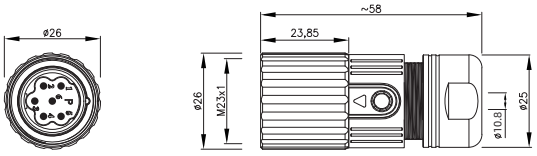
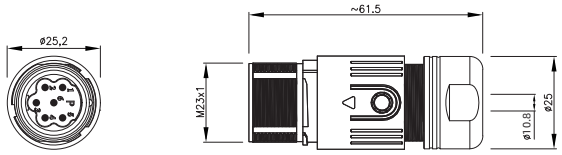
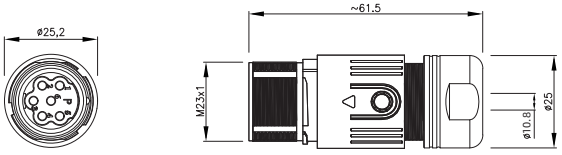
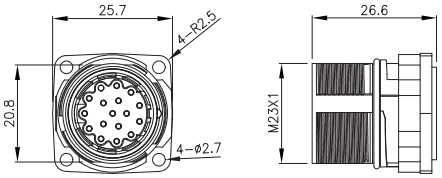
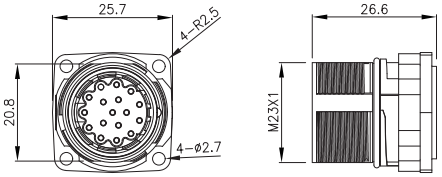
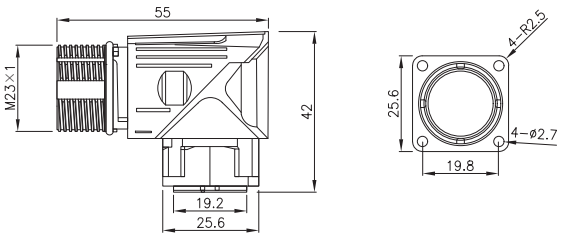
Socket: Straight, Angled, cold-pressure construction

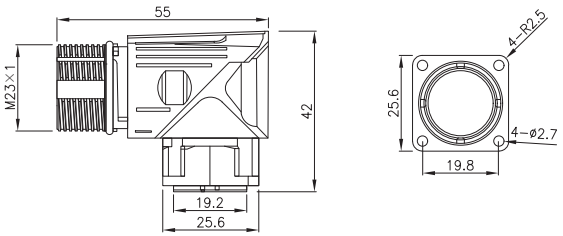
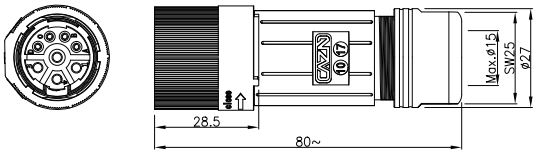
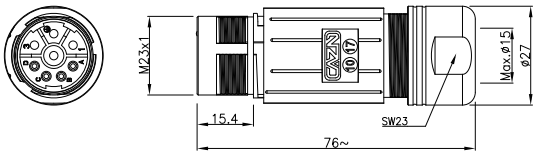
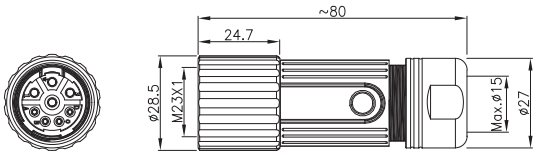
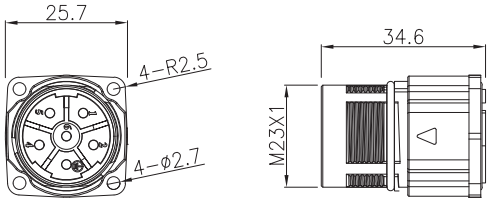
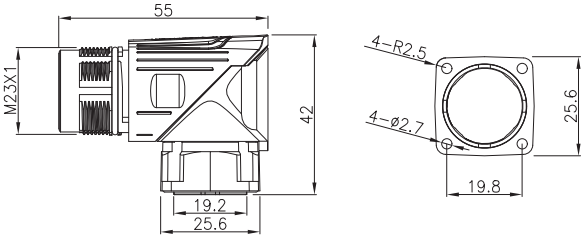
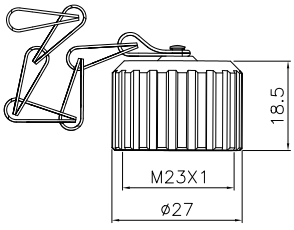
All connectors are excellent for full shielding at 360 degrees

Waterproof grade: IP67

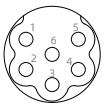
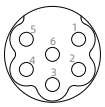
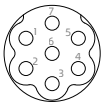
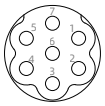
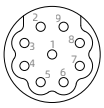
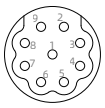
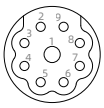
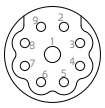
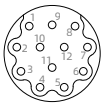
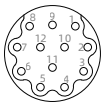
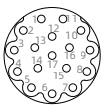
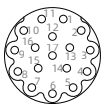
Product Parameters

SHELL MATERIAL	Brass nickel plated	CONTACT IMPEDANCE	⩽5mΩ
SEALING MATERIAL	Epoxy resin / Rubber	DURABILITY	⩾500 Cycles
CONTACT MATERIAL	Brass Phosphorus copper gold-plated	WIRING RANGE	6~10mm
INSULATOR MATERIAL	PBT / PA66	APPLICABLE TEMPERATURE	-40℃ ~ +125℃
MOLDING MATERIAL	TPU / PVC		

Product figure	Name/Type No.	Dimensions
	M623 Signal Straight Female Metal Assembled Plug (Crimp) M623 - S 6P - GCA P11 Pins: P:6P 7P 9P 9PP 12P 17P E:6E 7E 9E 9PE 12E 17E	
	M623 Signal Straight Male Metal Assembled Plug (Crimp) M623 - P 6P - GCA P11 Pins: P:6P 7P 9P 9PP 12P 17P E:6E 7E 9E 9PE 12E 17E	
	M623 Signal Straight Mating Male Metal Assembled Plug (Crimp) M623 - P 6P - GCK P11 Pins: P:6P 7P 9P 9PP 12P 17P E:6E 7E 9E 9PE 12E 17E	
	M623 Signal Straight Mating Female Metal Assembled Plug (Crimp) M623 - S 6P - GCK P11 Pins: P:6P 7P 9P 9PP 12P 17P E:6E 7E 9E 9PE 12E 17E	
	M623 Signal Straight Female Socket (Crimp, Mount hole 19.8*19.8) M623 - S 6P - GCH Pins: P:6P 7P 9P 9PP 12P 17P E:6E 7E 9E 9PE 12E 17E	
	M623 Signal Straight Male Socket (Crimp, Mount hole 19.8*19.8) M623 - P 6P - GCH Pins: P:6P 7P 9P 9PP 12P 17P E:6E 7E 9E 9PE 12E 17E	
	Angled M623 Signal Female Square Assembled Socket (Crimp, Mount hole 19.8*19.8) M623 - S 6P - GCL Pins: P:6P 7P 9P 9PP 12P 17P E:6E 7E 9E 9PE 12E 17E	

Product figure	Name/Type No.	Dimensions
	Angled M623 Signal Male Square Assembled Socket (Crimp, Mount hole 19.8*19.8) M623 - P 6P - GCL Pins: P:6P 7P 9P 9PP 12P 17P E:6E 7E 9E 9PE 12E 17E	
	M923 Power Straight Female Metal Assembled Plug (Riveting) M923 - S 8 - GCA 15 - PB Pins: 6 8	
	M923 Power Straight Female Metal Assembled Plug (Riveting, External thread) M923 - P 8 - GCK 15 Pins: 6 8	
	M923 Power Straight Female Metal Assembled Plug (Crimp) M923 - S 6 - GCA 15 Pins: 6 8	
	M923 power Straight Male Socket (Crimp, Mount hole 19.8*19.8) M923 - P 6 - GCH Pins: 6 8	
	Angled M923 Power Male Square Assembled Socket (Crimp, Mount hole 19.8*19.8) M923 - P 6 - GCL Pins: 6 8	
	M23 Metal dust cover (inner screw) M23-TV1P-3	

M623·Signal type - Electrical Parameters

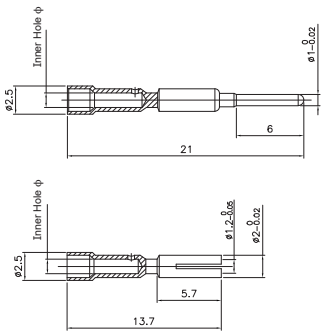
No. of positions	P coding	Ratedcurrent	Rated voltage		Conductor size		E coding
			A/C	D/C	AWG	mm²	
6		20A	300V	300V	14	2.5	
7		20A	300V	300V	14	2.5	
9		8A	150V	150V	16	1.5	
9P(8+1)		8A/20A	300V	150V	16/14	1.5/2.5	
12		8A	150V	150V	18	1	
17		8A	150V	150V	18	1	

M623·Signal Contact Pins Parameter Table

M623 Riveting pressure pin

Contact diameter: ϕ1

Material: Brass with gold plating



M623 Riveted Male Pin

Wire size		Material code
0.08-0.5mm²	AWG 28-22	A120101-0210
0.5-1.0mm²	AWG 20-17	A120101-0127
1.0-1.5mm²	AWG 17-16	A120101-0126

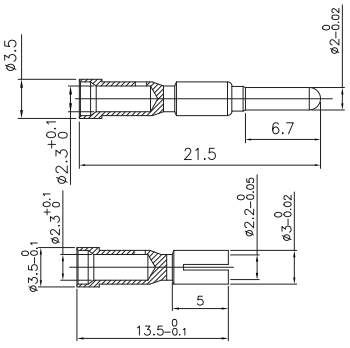
M623 Riveted Female Pin

Wire size		Material code
0.08-0.5mm²	AWG 28-22	A120102-0222
0.5-1.0mm²	AWG 20-17	A120102-0149
1.0-1.5mm²	AWG 17-16	A120102-0148

M623 Riveting pressure pin

Contact diameter: ϕ2

Material: Brass with gold plating



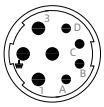
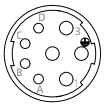
M623 Riveted Male Pin

Wire size		Material code
0.75-2.5mm²	AWG 18-13	A120101-0125

M623 Riveted Female Pin

Wire size		Material code
0.75-2.5mm²	AWG 18-13	A120102-0147

M923·Power supply type - Electrical Parameters

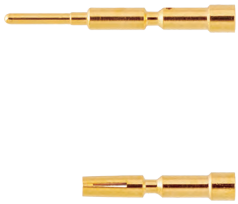
No. of positions	Male coding	Ratedcurrent	Rated voltage		Conductor size		Female coding
			A/C	D/C	AWG	mm²	
6		30A	630V	630V	14	2.5	
8		9A/20A	250V/630V	250V/630V	18/14	1/2.5	

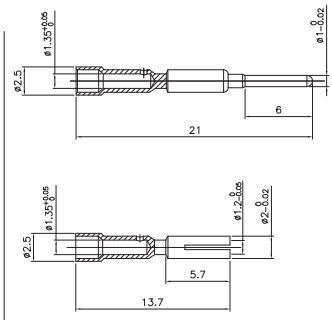
M923·Power Contact Pins Parameter Table

M923 Riveting pressure pin

Contact diameter: ϕ1

Material: Brass with gold plating





M923 Riveted Male Pin

Wire size		Material code
0.25-1.0mm²	AWG 23-17	A120101-0235

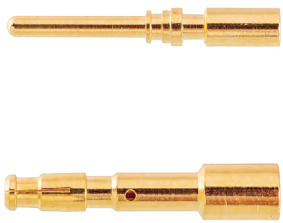
M923 Riveted Female Pin

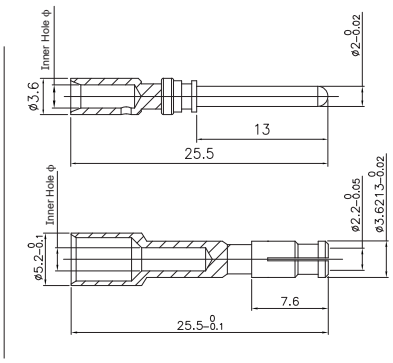
Wire size		Material code
0.25-1.0mm²	AWG 23-17	A120102-0238

M923 Riveting pressure pin

Contact diameter: ϕ2

Material: Brass with gold plating





M923 Riveted Male Pin

Wire size		Material code
1.0-2.5mm²	AWG 18-13	A120101-0236
2.5-4.0mm²	AWG 13-12	-

M923 Riveted Female Pin

Wire size		Material code
1.0-2.5mm²	AWG 18-13	A120102-0239
2.5-4.0mm²	AWG 13-12	-

M23·Wire Definition

	Number of positions																
No. of positions	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
6-pin	BK U	BN V	GN/YE	BK	WH	BN K											
	1.5mm²	1.5mm²	1.5mm²	1.5mm²	1.5mm²	1.5mm²											
8-pin	BK 1	GN/YE	BK 2	BK 3	BK 5	BK 6	BK 7	BK 8									
	1.5mm²	1.5mm²	1.5mm²	1.5mm²	0.75mm²	0.75mm²	0.75mm²	0.75mm²									
12-pin	PK	RD	BK	BU	BN	GN	VT	GY	Outer sheath	WH	NC	BN					
	0.25mm²	0.25mm²	0.25mm²	0.25mm²	0.25mm²	0.25mm²	0.25mm²	0.25mm²		0.5mm²		0.5mm²					
17-pin	YE	GN	RD	NC	BU	NC	BN/BU	GN/BK	GN/RD	BN/RD	BK	BN	OG	WH/BK	BN/GY	BN/YE	Inner sheath
	0.14mm²	0.14mm²	0.14mm²		0.14mm²		0.5mm²	0.22mm²	0.22mm²	0.5mm²	0.14mm²	0.14mm²	0.14mm²	0.14mm²	0.22mm²	0.22mm²	

* This wiring definition is for reference only.
For protocol-based configurations, consult our sales team.

7/8 Series

Products comply with IEC 61076-2-101 Industry 4.0 Agreement NEMA2000 standard

Plug: assembly, Overmolded cable type (length can be customized at will)

Socket: Front Mount Solder Type, Back Mount Solder Type and PCB board type

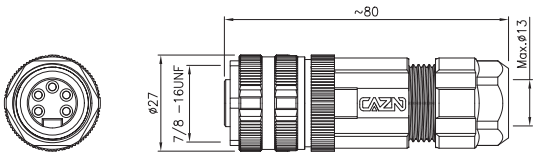
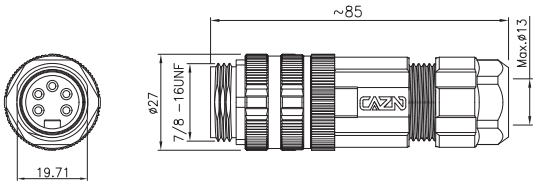
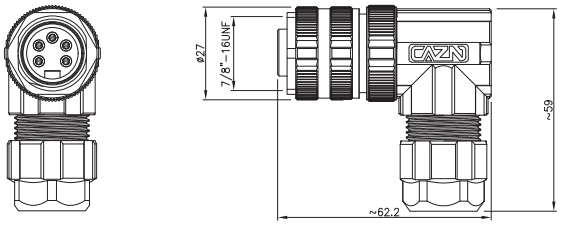
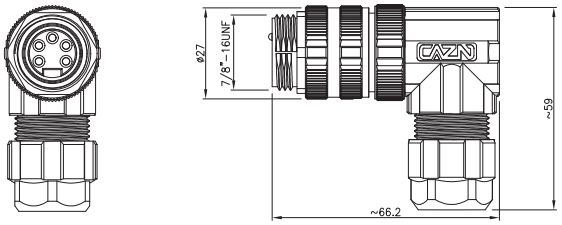
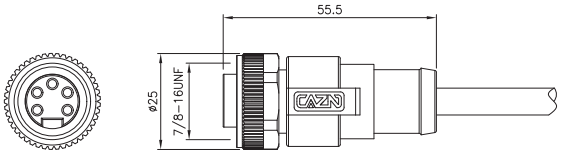
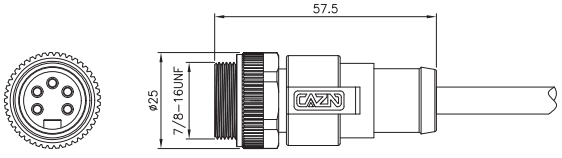
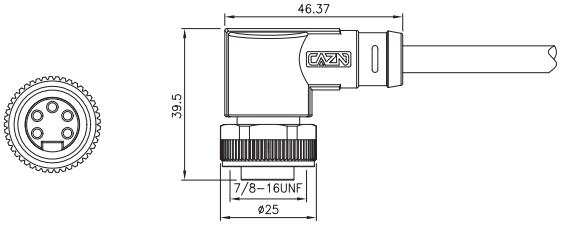
Mainly used in power connectors

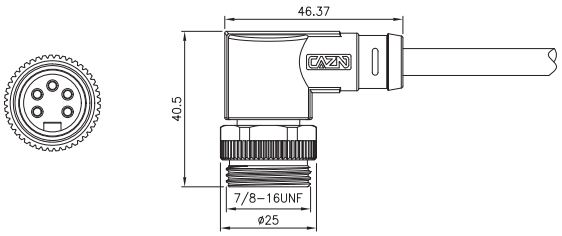
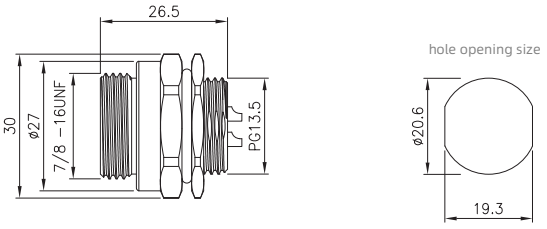
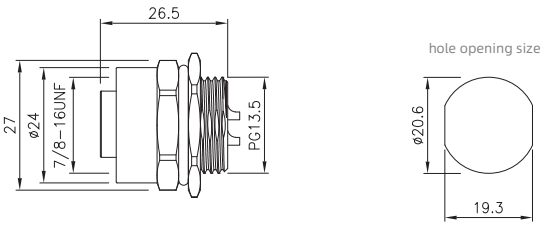
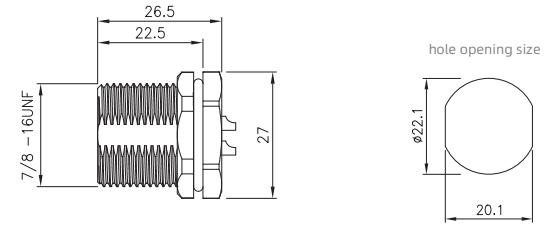
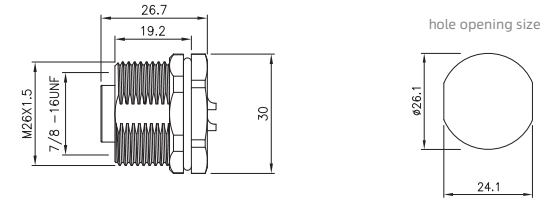
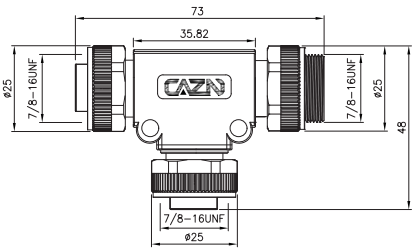
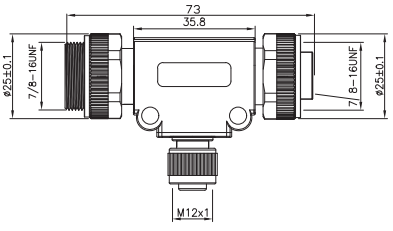
Pins Number: 3-6 pins

Waterproof grade: Ip65, IP67

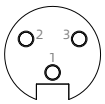
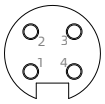
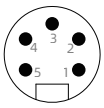
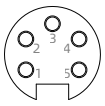
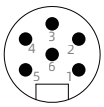
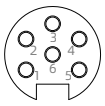
Product Parameters

SHELL MATERIAL	PA+GF / Zinc alloy nickel-plated Brass nickel-plated	**CONTACT IMPEDANCE**	⩽5mΩ
SEALING MATERIAL	Epoxy resin / Rubber	**DURABILITY**	⩾500 Cycles
CONTACT MATERIAL	Brass Phosphorus copper gold-plated	**INSULATION IMPEDANCE**	⩾100mΩ
INSULATOR MATERIAL	PA+GF / TPU	**APPLICABLE TEMPERATURE**	-25℃ ~ +80℃
MOLDING MATERIAL	TPU / PVC		

Product figure	Name/Type No.	Dimensions
	7/8 Straight Female Plastic Assembled Plug (Screw) 7/8 - S 6 - PLA P13 Pins: 3 4 5 6 outlet: P13: PG13.5 P9: PG9(Accessory)	
	7/8 Straight Male Plastic Assembled Plug (Screw) 7/8 - P 6 - PLA P13 Pins: 3 4 5 6 outlet: P13: PG13.5 P9: PG9(Accessory)	
	7/8 Angled Female Plastic Assembled Plug (Screw) 7/8 - S 6 - PLD P13 Pins: 3 4 5 6 outlet: P13: PG13.5 P9: PG9(Accessory)	
	7/8 Angled Male Plastic Assembled Plug (Screw) 7/8 - P 6 - PLD P13 Pins: 3 4 5 6 outlet: P13: PG13.5 P9: PG9(Accessory)	
	7/8 Straight Female Overmolded Plug 7/8 - S 6 - MWA - 1 PV Pins: 3 4 5 6 Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE	
	7/8 Straight Male Overmolded Plug 7/8 - P 6 - MWA - 1 PV Pins: 3 4 5 6 Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE	
	7/8 Angled Female Overmolded Plug 7/8 - S 6 - MWD - 1 PV Pins: 3 4 5 6 Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE	

Product figure	Name/Type No.	Dimensions
	7/8 Angled Male Overmolded Plug 7/8 - P 6 - MWD - 1 PV Pins: 3 4 5 6 Cable(M): 1:1M 2.5:2.5M ..... Wire: PV:PVC PU:PU TF:PTFE PE:PE	
	7/8 Male Front Mount Socket (Solder, Screw PG13.5) 7/8 - P 6 - GWB P13 Pins: 3 4 5 6	
	7/8 Female Front Mount Socket (Solder, Screw PG13.5) 7/8 - S 6 - GWB P13 Pins: 3 4 5 6	
	7/8 Male Back Mount Socket (Solder, Screw 7/8-16UHF) 7/8 - P 5 - GWF 7V8 Pins: 3 4 5 6	
	7/8 Female Back Mount Socket (Solder, Screw M26*1.5) 7/8 - S 6 - GWF M26 Pins: 3 4 5 6	
	7/8 T-Type Adapter (PSS, 7/8-7/8) 7/8 - S 5 - PS 5 - TSCNY Pins: 3 4 5 6	
	7/8 T-Type Adapter (PSS, 7/8-M12) 7/8 - S 5 - 7V8 PS 5 - TSCNY Pins: 3 4 5	

7/8·Electrical Parameters

No. of positions	Male coding	Ratedcurrent	Rated voltage		Conductor size		Female coding
			A/C	D/C	AWG	mm²	
3		13A	300V	300V	18	1	
4		9A	300V	300V	18	1	
5		9A	300V	300V	20	0.5	
6		9A	300V	300V	20	0.5	

7/8·Wire Definition

		Number of positions					
Connector	Pins	1	2	3	4	5	6
Plug and Wiring harness	3	BN	BU	YE/GN			
	4	BN	RD	BU	YE/GN		
	5	BK1	BK2	BK3	BK4	YE/GN	
	6	BK1	BK2	BK3	BK4	BK5	YE/GN
Socket	3	BK	BN	BU			
	4	BK	BN	BU	WH		
	5	BK	BU	YE/GN	BN	WH	
	6	BK	BU	YE/GN	BN	WH	GY

* This wiring definition is for reference only.
For protocol-based configurations, consult our sales team.

Targeting global customers and partners

Zhengcheng Electric is a connector brand based in China and facing the world. Our company provides future oriented connectivity solutions for the fields of electrical engineering, electronics, and automation. We have a large number of excellent employees in multiple regions across the country, who can provide customers with the most timely and effective services.

We adhere to the concept of "highest quality, sincere service" and provide customers with products and solutions suitable for different industries and applications, such as new energy, infrastructure, process and factory automation.

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