

M8 Circular connectors



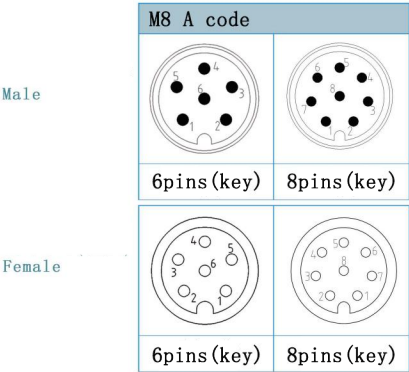
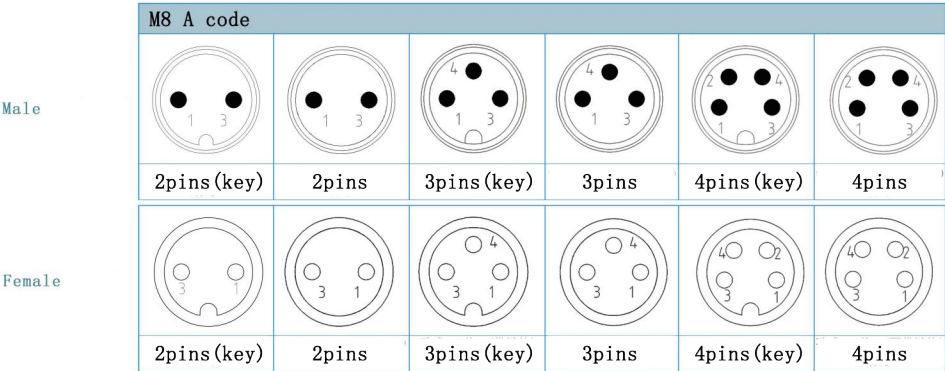
- ✓ Standard DIN EN 61076-2-104
- ✓ Degree of protection IP67
- ✓ 2 pins, 3 pins, 4 pins, 5 pins, 6 pins, 8 pins are optional
- ✓ Material of contacts: Brass, gold plated
- ✓ Non-shielding and shielding 360° are optional
- ✓ Solder/Dip solder/Crimping/Litz wires for panel mount connector
- ✓ Customize cable length, PVC/PUR cable are optional

M8 thread connector is one of the most commonly used connectors in the field of industrial automation. It is mainly developed and designed for sensors with 8mm connection diameter, and widely used in industrial automation sensors, packaging and transmission systems, outdoor LED modules, safety grating light screen, new energy signal control and other applications. M8 connector is well designed for installation in devices with limited space.



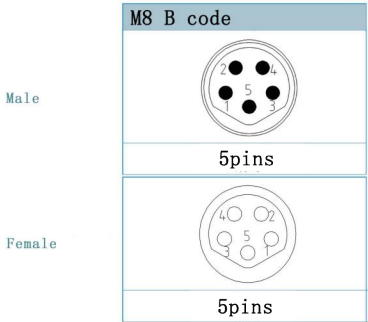
circular connector

M8⇐ Contact arrangement A code

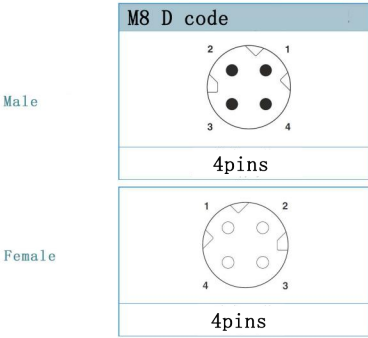


M8 A code-Core Colors					
	Core color	Core color	Core color	Core color	Core color
	2pins	3pins	4pins	6pins	8pins
1	红色/red	棕色/brown	棕色/brown	棕色/brown	棕色/brown
2	—	—	白色/white	白色/white	白色/white
3	黑色/black	蓝色/blue	蓝色/blue	蓝色/blue	绿色/green
4		黑色/black	黑色/black	黑色/black	黑色/black
5				灰色/grey	灰色/grey
6				红色/red	粉色/pink
7					蓝色/blue
8					红色/red

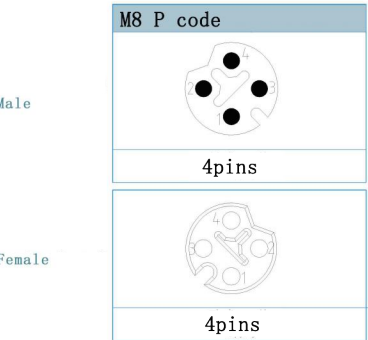
M8⇐ Contact arrangement B/D code



M8 B code-Core Colors		
	Core color	
	5pins	
1	棕色/brown	
2	白色/white	
3	蓝色/blue	
4	黑色/black	
5	灰色/grey	



M8 D code-Core Colors		
	Core color	
	4pins	
1	黄色/yellow	
2	白色/white	
3	橙色/orange	
4	蓝色/blue	



M8 P code-Core Colors		
	Core color	
	4pins	
1	黄色/yellow	
2	白色/white	
3	橙色/orange	
4	蓝色/blue	

Accessories

Male Contacts

焊接款 Solder Type

PCB款 PCB/Dip Solder Type

压接款 Crimping Type



Female Contacts

焊接款 Solder Type

PCB款 PCB/Dip Solder Type

压接款 Crimping Type



Male Nuts



滚花款 Knurling Type



竖纹款 Vertical Stripe Type



不锈钢款 Stainless Steel Type



塑胶款 Plastic Type

Female Nuts



滚花款 Knurling Type



竖纹款 Vertical Stripe Type



不锈钢款 Stainless Steel Type



塑胶款 Plastic Type

Hexagonal nut, M8*0.5 Hexagonal nut, M8*1.0 Hexagonal nut, M10*0.75 Hexagonal nut, M10*1.0 Hexagonal nut, M12*1.0



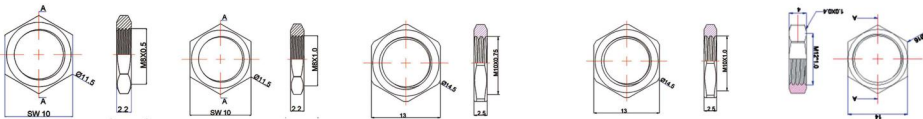
Drawing

Drawing

Drawing

Drawing

Drawing



M8 技术参数 Technical Parameters

设计标准Design Standard

DIN EN 61076-2-104

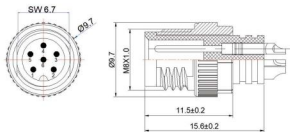
编码Coding:	A	A	A D	B	A	A
芯数Contacts:	2	3	4	5	6	8
电流Current:	4A	4A	4A	3A	2A	1.5A
电压Voltage:	60V	60V	60V	30V	30V	30V
耐压Withstanding Voltage:	1500V	1500V	1500V	1500V	800V	800V
线规Wire Gauge:	22AWG	22AWG	22AWG	24AWG	24AWG	26AWG
材质Material:	PA66, 铜镀金/PA66,Brass Gold Plated					
机械寿命Mechanical Operation:	≥ 100 插拔周期/Mating Cycles					
接触电阻Contact Resistance:	3mΩ					
工作温度Operation Temperature:	-25℃ ~ +85℃					
防护等级Protection Rate:	IP67					
盐雾Salt Mist:	48h					
所有材料符合ROHS要求	All materials meet ROHS requirements					

Moldable Connector

M8 moldable male plug, vertical stripes



Drawing

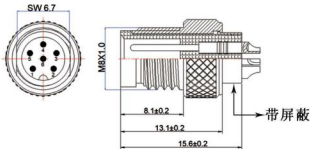


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 moldable male plug, knurling shielded



Drawing

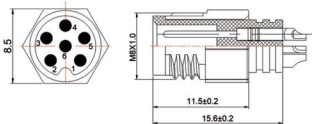


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 moldable male plug, stainless steel



Drawing

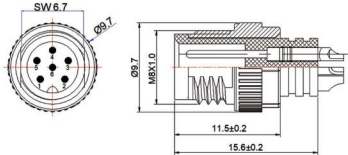


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 moldable male plug, plastic



Drawing

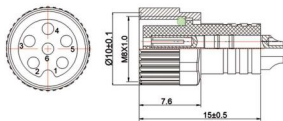


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 moldable female plug, vertical stripes



Drawing

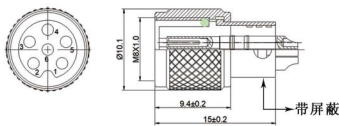


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 moldable female plug, knurling shielded



Drawing

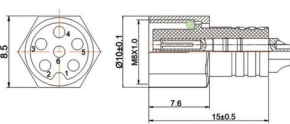


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 moldable female plug, stainless steel



Drawing

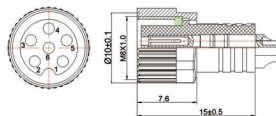


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 moldable female plug, plastic



Drawing



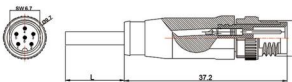
编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

Molded Cable

M8 molded male cable, vertical stripes



Drawing

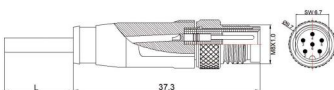


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 molded male cable, knurling, shielded



Drawing

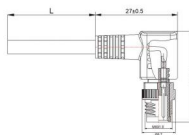


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 molded angled male cable, vertical stripes



Drawing

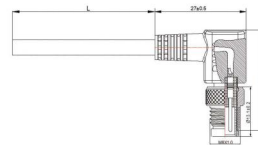


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 molded angled male cable, knurling, shielded



Drawing

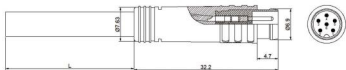


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 molded male cable, snap-in



Drawing

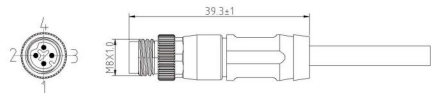


编码 Coding	A	B	
芯数 Contacts	2, 3, 4, 6, 8,	5	

M8 molded male cable

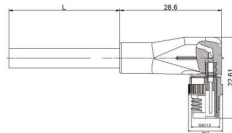


Drawing



编码 Coding	P
芯数 Contacts	4

M8 molded angled male cable, vertical stripes, arc type

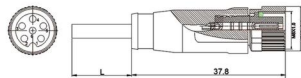


	A	B	D
	2, 3, 4, 6, 8,	5	4

M8 molded female cable, vertical stripes



Drawing



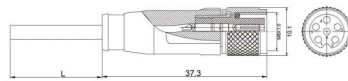
编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

Molded Cable

M8 molded female cable, knurling, shielded



Drawing

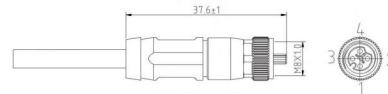


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 molded female cable



Drawing

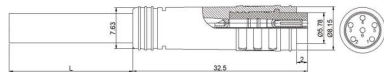


编码 Coding	P
芯数 Contacts	4

M8 molded female cable, snap-in



Drawing

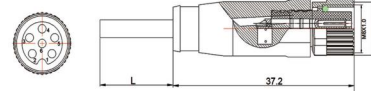


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 molded female cable, vertical stripes, LED



Drawing

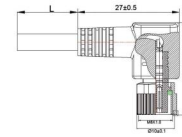


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 molded angled female cable, vertical stripes



Drawing

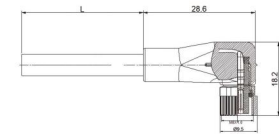


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 molded angled female cable , knurling, arc type, shielded

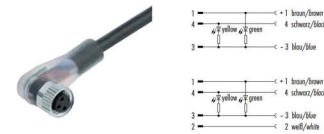


Drawing

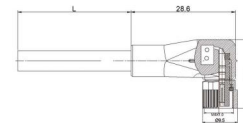


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 molded angled female cable, vertical stripes, LED



Drawing



编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

Field Installation Connector

M8 male plug, screw



Drawing

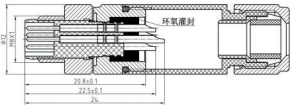


编码 Coding	A	D
芯数 Contacts	2, 3, 4	4

M8 male plug, solder



Drawing

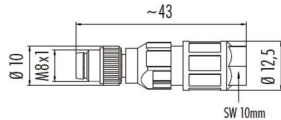


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4	5	4

M8 male plug, IDC connection



Drawing

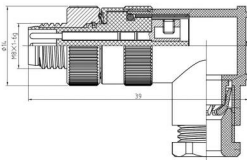


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4	5	4

M8 angled male plug, screw



Drawing



编码 Coding	A	D
芯数 Contacts	2, 3, 4	4

M8 metal male plug, screw, shielded



Drawing

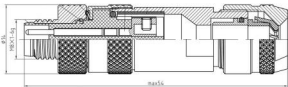


编码 Coding	A	D
芯数 Contacts	2, 3, 4	4

M8 metal male plug, solder, shielded



Drawing

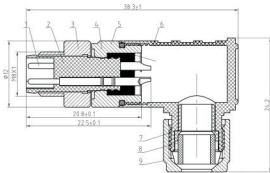


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4	5	4

M8 angled male plug, solder



Drawing

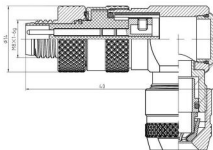


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4	5	4

M8 metal angled male plug, screw, shielded



Drawing



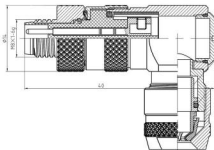
编码 Coding	A, D
芯数 Contacts	2, 3, 4

Field Installation Connector

M8 metal angled male plug, solder, shielded



Drawing

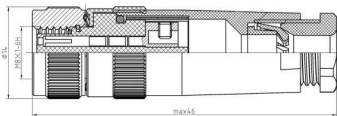


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4	5	4

M8 female plug, screw



Drawing



编码 Coding	A	D
芯数 Contacts	2, 3, 4	4

M8 metal female plug, solder, shielded



Drawing

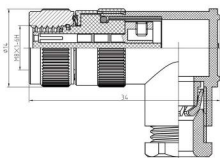


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4	5	4

M8 angled female plug, screw



Drawing

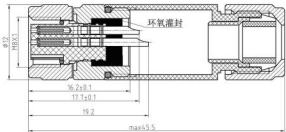


编码 Coding	A	D
芯数 Contacts	2, 3, 4	4

M8 female plug, solder



Drawing

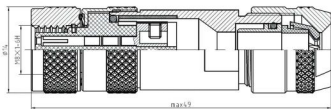


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4	5	4

M8 metal female plug, screw, shielded



Drawing

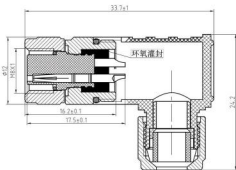


编码 Coding	A	D
芯数 Contacts	2, 3, 4	4

M8 angled female plug, solder



Drawing

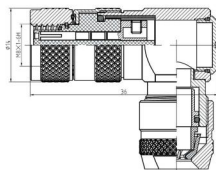


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4	5	4

M8 metal angled female plug, screw, shielded



Drawing



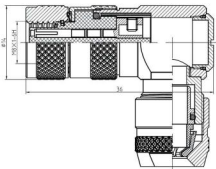
编码 Coding	A	D
芯数 Contacts	2, 3, 4	4

Field Installation Connector

M8 metal angled female plug, solder, shielded



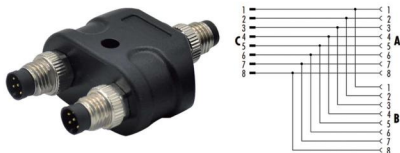
Drawing



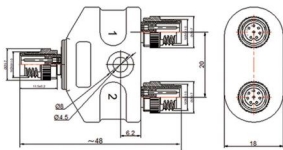
编码 Coding	A	B	D
芯数 Contacts	2, 3, 4	5	4

Y-type Splitter

Y-type, M8 male to 2*M8 male

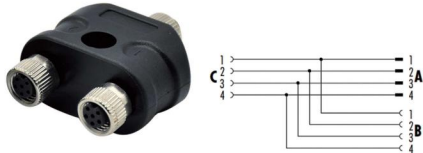


Drawing

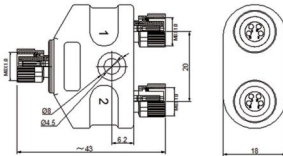


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

Y-type, M8 female to 2*M12 female



Drawing

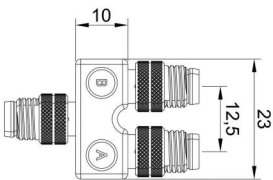


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

Y-type, M8 male to 2*M8 male, shielded



Drawing

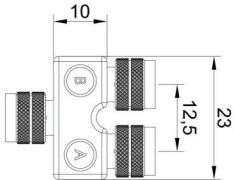


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4	5	4

Y-type, M8 female to 2*M12 female, shielded



Drawing



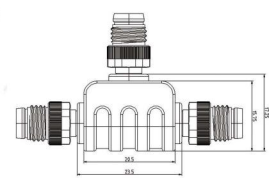
编码 Coding	A	B	D
芯数 Contacts	2, 3, 4	5	4

T-type Splitter

T-type, M8 male to 2*M8 male



Drawing

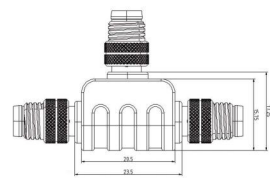


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4	5	4

T-type, M8 male to 2*M8 male, shielded



Drawing

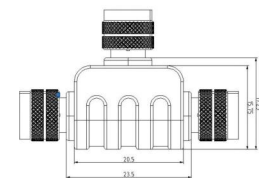


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4	5	4

T-type, M8 female to 2*M12 female, shielded



Drawing



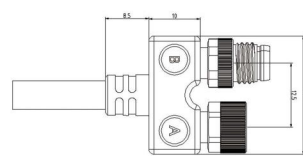
编码 Coding	A	B	D
芯数 Contacts	2, 3, 4	5	4

T cable

Y-type, M8 male to 2*M8 male



Drawing

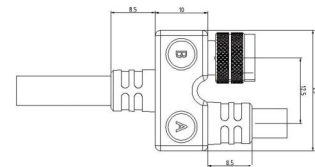


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4	5	4

Y-type, M8 female to 2*M12 female, shielded



Drawing



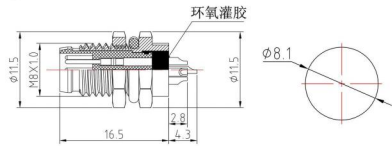
编码 Coding	A	B	D
芯数 Contacts	2, 3, 4	5	4

Panel Mount Connector

M8 front fastened male socket, M8*1.0



Drawing

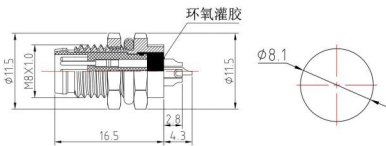


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 front fastened male socket, shielded, M8*1.0



Drawing

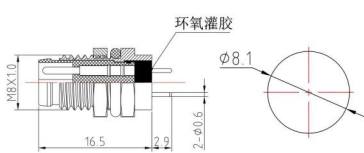


编码 Coding	A	D
芯数 Contacts	2, 3, 4	4

M8 front fastened male socket, dip solder, M8*1.0



Drawing

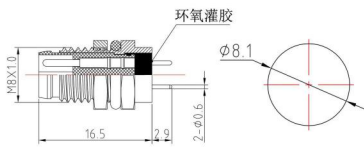


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 front fastened male socket, dip solder, shielded, M8*1.0



Drawing

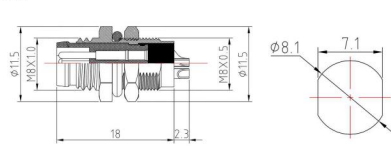


编码 Coding	A	D
芯数 Contacts	2, 3, 4	4

M8 rear fastened male socket, M8*0.5



Drawing

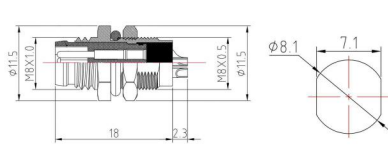


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 rear fastened male socket, shielded, M8*0.5



Drawing

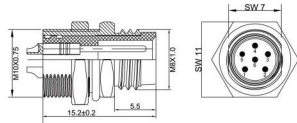


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 rear fastened male socket, M10*0.75



Drawing

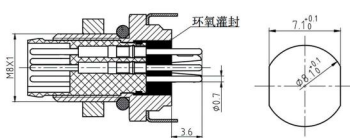


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 shielding front fastened male socket, M8*1.0



Drawing



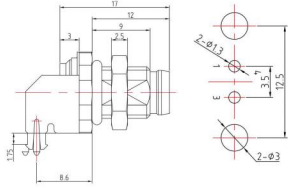
编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

Panel Mount Connector

M8 shielding angled male soket, M8*1.0



Drawing

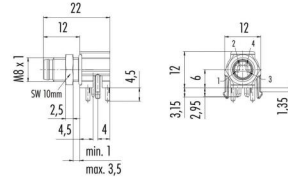


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 plastic angled male socket, M8*1.0



Drawing

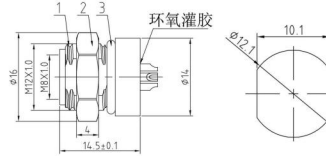


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 front fastened female socket, M12*1.0



Drawing

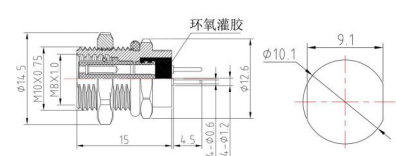


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 front fastened female socket,dip solder, M10*0.75



Drawing

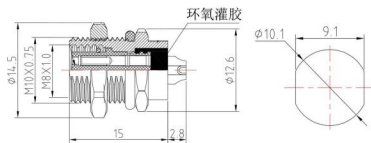


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 front fastened female socket, M10*0.75



Drawing

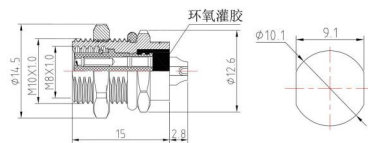


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 front fastened female socket, M10*1.0



Drawing

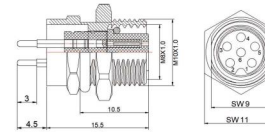


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 front fastened female socket, dip solder, M10*1.0



Drawing

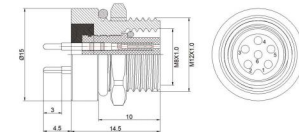


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 front fastened female socket,dip solder, M12*1.0



Drawing



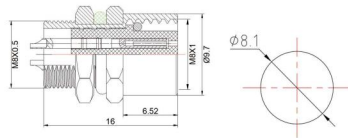
编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

Panel Mount Connector

M8 rear fastened female socket, M8*0.5



Drawing

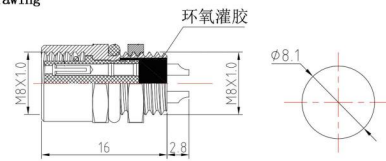


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 rear fastened female socket, M8*1.0



Drawing

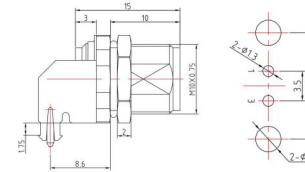


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8.	5	4

M8 shielding right angled female socket, M10*1.0



Drawing

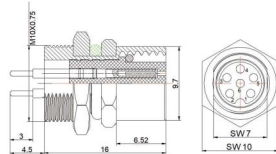


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 rear fastened female socket, M10*0.75



Drawing

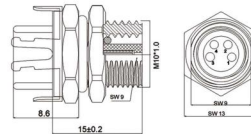


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 shielding front fastened female socket, M10*1.0



Drawing



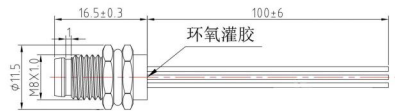
编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

Panel Mount Connector with Wires

M8 front fastened male socket with wire, M8*1.0



Drawing

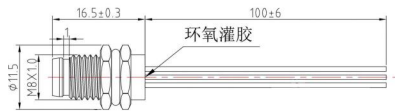


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 front fastened male socket with wire, shielded, M8*1.0



Drawing

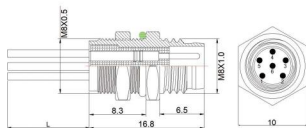


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 rear fastened male socket with wire, shielded, M8*0.5



Drawing

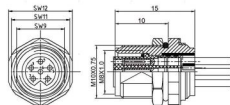


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 front fastened female socket with wire, M10*0.75



Drawing



编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 rear fastened male socket with wire, M8*0.5



Drawing

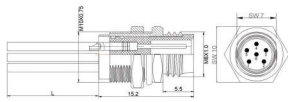


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 rear fastened male socket with wire, M10*0.75



Drawing

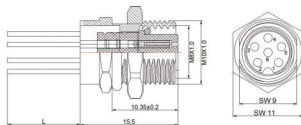


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 front fastened female socket with wire, M10*1.0



Drawing

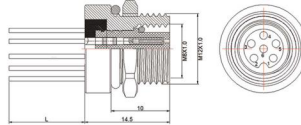


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 front fastened female socket with wire, M12*1.0



Drawing



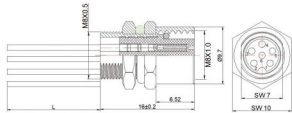
编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

Panel Mount Connector with Wires

M8 rear fastened female socket with wire, M8*0.5



Drawing

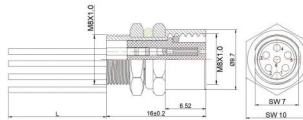


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 rear fastened female socket with wire, M8*1.0



Drawing

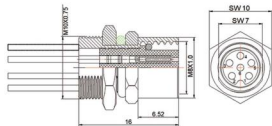


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

M8 rear fastened female socket with wire, M10*0.75



Drawing



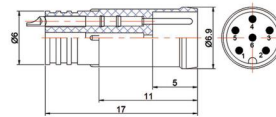
编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 6, 8,	5	4

Accessories

M8 plastic receptacle



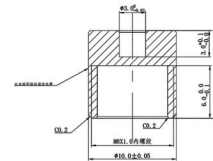
Drawing



M8 metal female dust cover



Drawing



M8 metal male dust cover



Drawing

