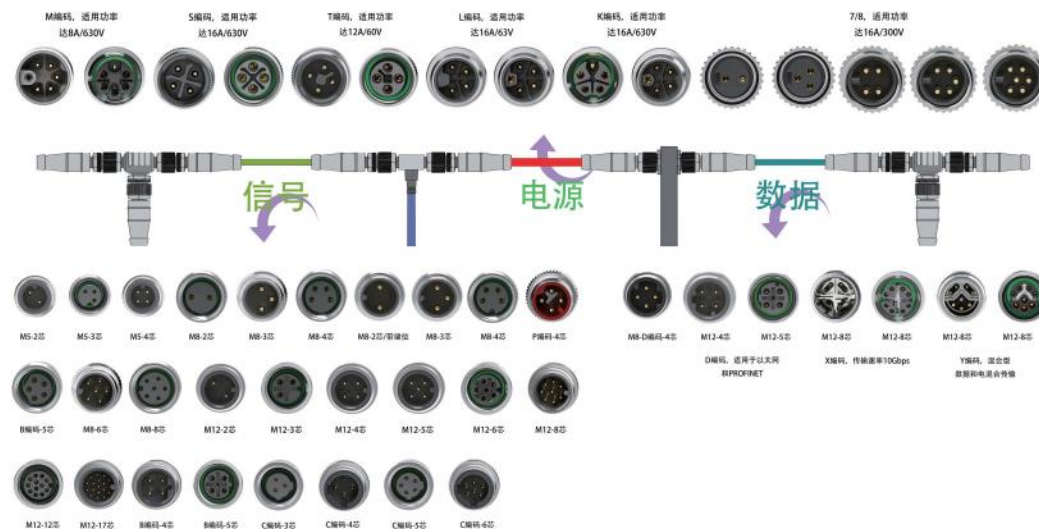


M12 Circular connectors



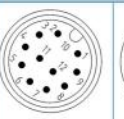
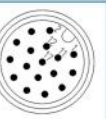
- ✓ According to DIN EN 61076-2-101/109/111
- ✓ Moldable Connector / Field installation connector / Panel mount connector / Pre-assembly cable & wire
- ✓ Various Coding types: A/B/C/D/X/S/L/K/T/Y/M
- ✓ Full range of pins: 2 -17pins
- ✓ Material of contacts: Brass, gold plated
- ✓ Non-shielding and shielding 360° are optional
- ✓ Solder/Dip solder/Crimping/Litz wires for panel mount connector
- ✓ Customized cable length, PVC/PUR cable are optional

M12 connector is one of the most commonly used connector in the field of industrial automation. It is mainly developed and designed for industrial automation sensor and actuator, and widely used in Sensors, Robots, Motors, Packaging and transmission systems, Outdoor LED modules, Security grating and light screen, Rail transit, CANBUS, Ship navigation systems and New energy signal control etc.



circular connector

M12 Contact arrangement

M12 A code						
						
2pins	3pins	4pins	5pins	8pins	12pins	17pins
						
2pins	3pins	4pins	5pins	8pins	12pins	17pins

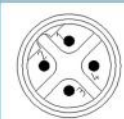
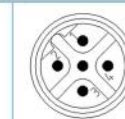
M12 A code Core Colors							
	core color	core color	core color	core color	core color	core color	core color
	2pins	3pins	4pins	5pins	8pins	12pins	17pins
1	棕色/brown	棕色/brown	棕色/brown	棕色/brown	白色/white	棕色/brown	棕色/brown
2			白色/white	白色/white	棕色/brown	蓝色/blue	蓝色/blue
3	蓝色/blue	蓝色/blue	蓝色/blue	蓝色/blue	绿色/green	白色/white	白色/white
4		黑色/black	黑色/black	黑色/black	黄色/yellow	绿色/green	绿色/green
5				灰色/grey	灰色/grey	粉色/pink	粉色/pink
6					粉色/pink	黄色/yellow	黄色/yellow
7					蓝色/blue	黑色/black	黑色/black
8					红色/red	灰色/grey	灰色/grey
9						红色/red	红色/red
10						紫色/purple	紫色/purple
11						橙色/orange	灰粉/grey-pink
12						浅蓝色/light blue	红蓝/red-blue
13							白绿/white-green
14							棕绿/brown-green
15							白黄/white-yellow
16							黄棕/yellow-brown
17							白灰/white-gray

M12 A code

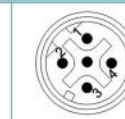
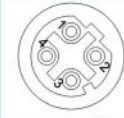
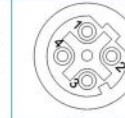
6pins

6pins

M12 A code Core Colors	
core color	
6pins	
1	棕色/brown
2	白色/white
3	蓝色/blue
4	粉色/pink
5	灰色/grey
6	黑色/black

M12 B code	
	
4pins	5pins
	
4pins	5pins

M12 B code Core Colors			
	core color	core color	
	4pins	5pins	
1	棕色/brown	棕色/brown	
2	白色/white	白色/white	
3	蓝色/blue	蓝色/blue	
4	黑色/black	黑色/black	
5		灰色/grey	

M12 D code	
	
4pins	5pins
	
4pins	5pins

M12 D code Core Colors			
	core color	core color	
	4pins	5pins	
1	棕色/brown	棕色/brown	
2	白色/white	白色/white	
3	蓝色/blue	蓝色/blue	
4	黑色/black	黑色/black	
5		灰色/grey	
6			

M12 M code

5+PE

5P+PE

M12 M code Core Colors	
core color	
5+PE	
1	黑色/black
2	黑色/black
3	黑色/black
4	黑色/black
5	黑色/black
6	绿黄/green-yellow

circular connector

M12⇐Contact arrangement

M12 C code



3pins

4pins

5pins

6pins



3pins

4pins

5pins

6pins

M12 C code Core Colors							
	core color	core color	core color	core color	core color	core color	core color
3pins		4pins		5pins		6pins	
1	棕色/brown	棕色/brown	棕色/brown	棕色/brown	棕色/brown	棕色/brown	棕色/brown
2	—	白色/white	白色/white	白色/white	白色/white	白色/white	白色/white
3	蓝色/blue	蓝色/blue	蓝色/blue	蓝色/blue	蓝色/blue	蓝色/blue	蓝色/blue
4	黑色/black	黑色/black	黑色/black	黑色/black	粉色/pink	黑色/black	黑色/black
5				灰色/grey	灰色/grey	灰色/grey	灰色/grey
6					黑色/black	黑色/black	黑色/black

M12 T code



4pins



4pins

M12 T code Core Colors		
	core color	
4pins		
1	棕色/brown	棕色/brown
2	白色/white	白色/white
3	蓝色/blue	蓝色/blue
4	黑色/black	黑色/black

M12 S code



2+PE

3+PE



2+PE

3+PE

M12 S code Core Colors					
	core colors	core colors	core colors	core colors	core colors
2+PE		3+PE			
1	黑色/black	黑色/black	黑色/black	黑色/black	黑色/black
2	—	黑色/black	黑色/black	黑色/black	黑色/black
3	黑色/black	黑色/black	黑色/black	黑色/black	黑色/black
PE	绿黄/green-yellow	绿黄/green-yellow	绿黄/green-yellow	绿黄/green-yellow	绿黄/green-yellow

M12 L code



4P

4+PE



4P

4+PE

M12 L code Core Colors		
	core colors	
4+PE		
1	棕色/brown	棕色/brown
2	白色/white	白色/white
3	蓝色/blue	蓝色/blue
4	黑色/black	黑色/black
PE	灰色/grey	灰色/grey

M12 K code



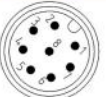
4+PE



4+PE

M12 K code Core Colors		
	core colors	
4+PE		
1	黑色/black	黑色/black
2	黑色/black	黑色/black
3	黑色/black	黑色/black
4	黑色/black	黑色/black
5	绿黄/green-yellow	绿黄/green-yellow

M12 A code: Network



8pins



8pins

M12 A code Core Colors		
	core colors	
8pins		
1	白蓝/White-blue	白蓝/White-blue
2	白棕/White-brown	白棕/White-brown
3	棕色/brown	棕色/brown
4	橙色/orange	橙色/orange
5	白绿/White-green	白绿/White-green
6	白橙/White-orange	白橙/White-orange
7	蓝色/blue	蓝色/blue
8	绿色/green	绿色/green

circular connector

M12 Contact arrangement

M12 D code: Network

4pins

M12 D code Core Colors		
core colors		
4pins		
1	白橙/white-orange	
2	白绿/white-green	
3	橙色/orange	
4	绿色/green	

M12 X code: Network

8pins

M12 X code Core Colors		
core colors		
8pins		
1	白橙/white-orange	
2	橙色/orange	
3	白绿/white-green	
4	绿色/green	
5	白棕/white-brown	
6	棕色/brown	
7	白蓝/white-blue	
8	蓝色/blue	

M12 Y code: Network

8pins

M12 Y code Core Colors		
core colors		
8pins		
1	白橙/white-orange	
2	橙色/orange	
3	白绿/white-green	
4	绿色/green	
5	蓝色/blue	
6	白色/white	
7	棕色/brown	
8	黑色/black	

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

Female Nuts

Knurling Type Vertical Stripe Type 1 Vertical Stripe Type 2

Knurling Type Vertical Stripe Type 1 Vertical Stripe Type 2

Plastic Type Stainless Steel Type

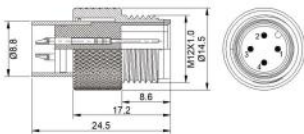
Plastic Type Stainless Steel Type

Moldable Connector

M12 moldable male plug, knurling



Drawing

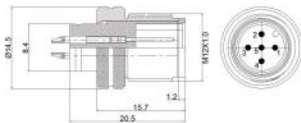


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 moldable male plug, knurling1



Drawing

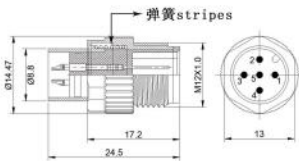


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 moldable male plug, vertical stripes



Drawing

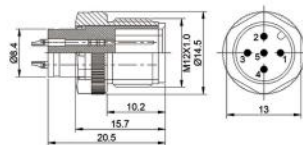


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 moldable male plug, vertical stripes+Hex



Drawing

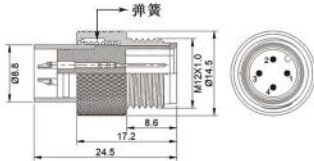


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 moldable male plug, knurling2, shielded, spring type



Drawing

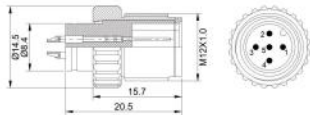


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 moldable male plug, vertical stripes



Drawing

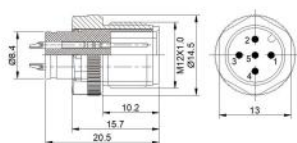


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 moldable male plug, plastic



Drawing

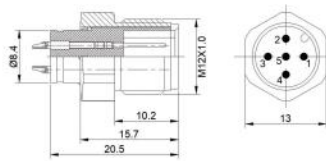


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 moldable male plug, Stainless Steel, Hex



Drawing



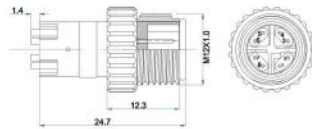
编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

Moldable Connector

M12 X-code moldable male plug



Drawing

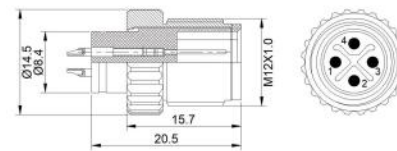


编码 Coding	X
芯数 Contacts	8

M12 S-code moldable male plug, vertical stripes



Drawing

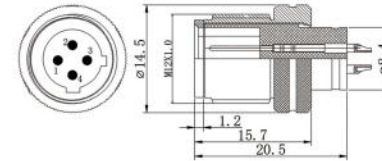


编码 Coding	S
芯数 Contacts	2+PE, 3+PE

M12 C-code moldable male plug, knurling



Drawing

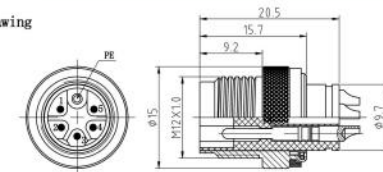


编码 Coding	C
芯数 Contacts	3, 4, 5, 6

M12 M-code moldable male plug, knurling3



Drawing

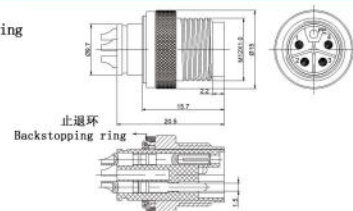


编码 Coding	M
芯数 Contacts	5+PE

M12 L-code moldable male plug



Drawing

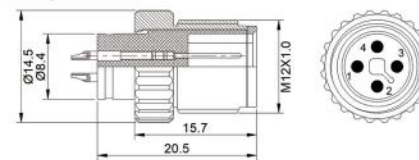


编码 Coding	L
芯数 Contacts	4P, 4+PE

M12 T-code moldable male plug, vertical stripes



Drawing

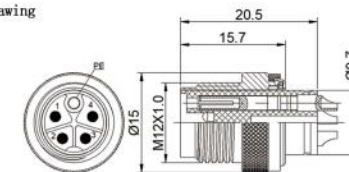


编码 Coding	T
芯数 Contacts	4

M12 K-code moldable male plug, knurling3



Drawing

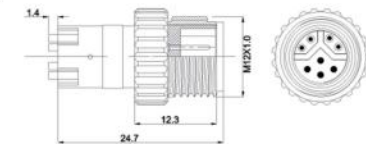


编码 Coding	K
芯数 Contacts	4+PE

M12 Y-code moldable male plug, vertical stripes



Drawing



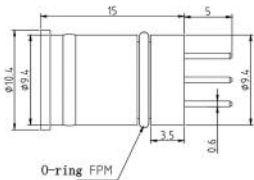
编码 Coding	Y
芯数 Contacts	8

Moldable Connector

M12 Male receptacle, THT



Drawing

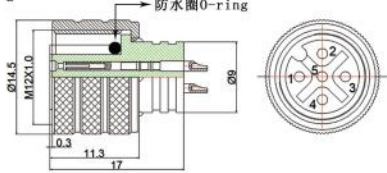


编码 Coding	A
芯数 Contacts	4, 5, 8

M12 moldable female plug, knurling1



Drawing

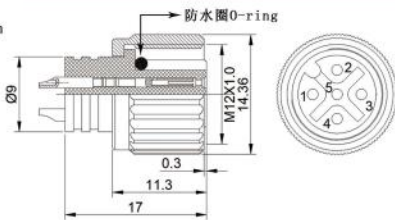


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 moldable female plug, vertical stripes



Drawin

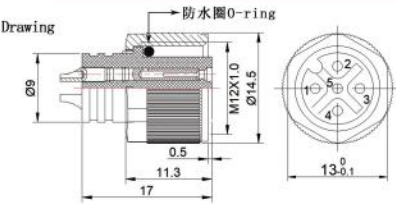


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 moldable female plug, vertical stripes



Drawing

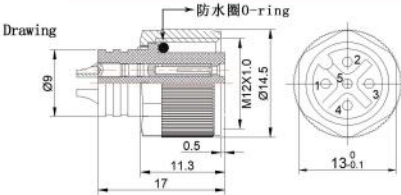


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 moldable female plug, plastic



Drawing

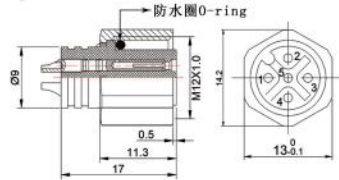


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 moldable female plug, Stainless Steel, Hex



Drawing

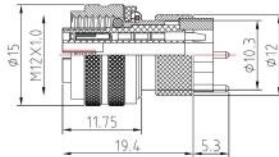


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 X-code moldable female plug, knurling



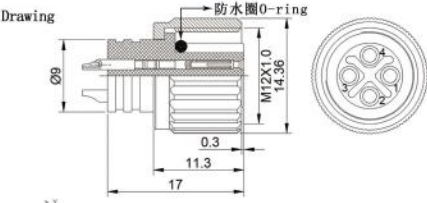
Drawing



编码 Coding	X
芯数 Contacts	8

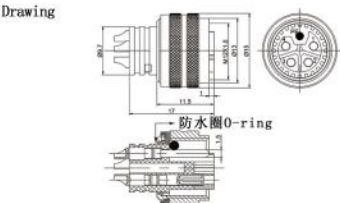
Moldable Connector

M12 S-code moldable female plug, vertical stripes



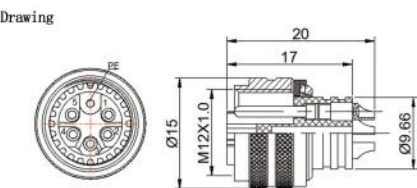
编码 Coding	S
芯数 Contacts	2+PE, 3+PE

M12 L-code moldable female plug



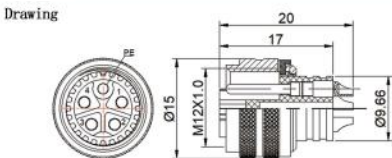
编码 Coding	L
芯数 Contacts	4P, 4+PE

M12 M-code moldable female plug, knurling



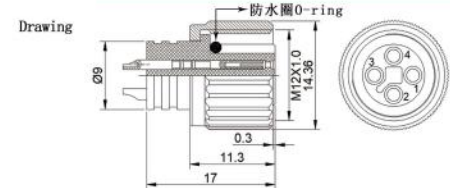
编码 Coding	M
芯数 Contacts	5+PE

M12 K-code moldable female plug, knurling



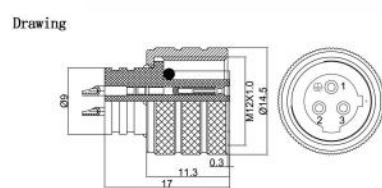
编码 Coding	K
芯数 Contacts	4+PE

M12 T-code moldable female plug, vertical stripes



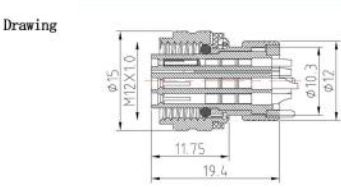
编码 Coding	T
芯数 Contacts	4

M12 C-code moldable female plug, knurling



编码 Coding	C
芯数 Contacts	3, 4, 5, 6

M12 Y-code moldable female plug, knurling



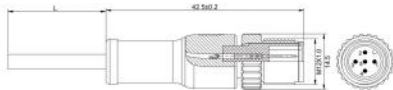
编码 Coding	Y
芯数 Contacts	8

Molded Cable

M12 molded male cable , shield (Type 1)



Drawing

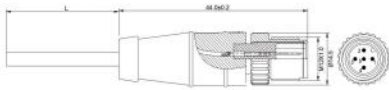


编码 Doding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 molded male cable (Type 2)



Drawing

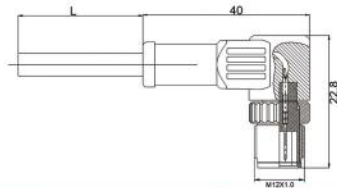


编码 Doding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 angled molded male cable plug Type 1



Drawing

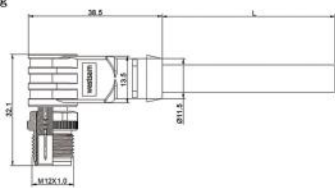


编码 Doding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 angled molded male cable plug Type 2



Drawing

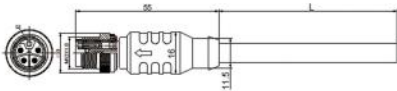


编码 Doding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 molded male cable (Type 3)



Drawing

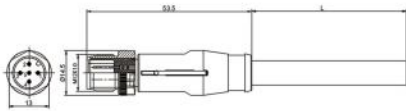


编码 Doding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 molded male cable (Type 4)



Drawing



编码 Doding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 X coding molded male cable



Drawing

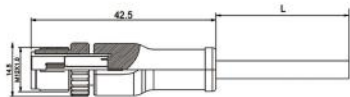


编码 Doding	X
芯数 Contacts	8

M12 Y-code molded male cable



Drawing



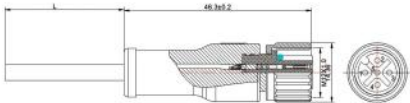
编码 Doding	Y
芯数 Contacts	8

Molded Cable

M12 molded female cable, shield (Type 1)



Drawing

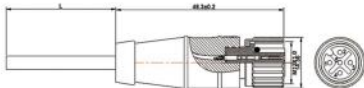


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 Molded female cable (Type 2)

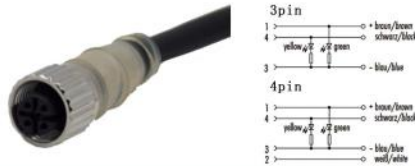


Drawing

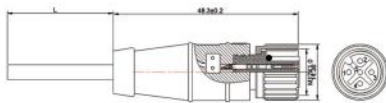


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 LED female cable (PNP,NPN)



Drawing

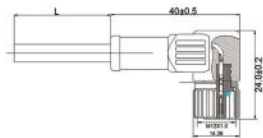


编码 Coding	A
芯数 Contacts	3, 4

M12 angled molded female cable Type 1



Drawing

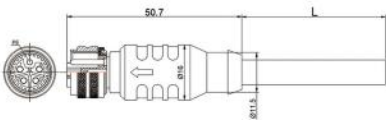


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 molded female cable (Type 3)



Drawing

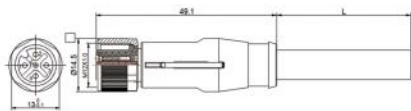


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 molded female cable (Type 4)



Drawing

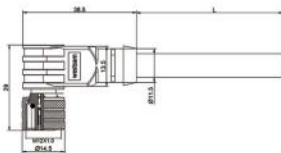


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 angled molded female cable plug Type 2

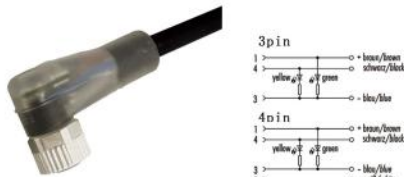


Drawing

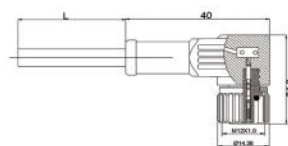


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 LED angled molded female cable (PNP,NPN)



Drawing



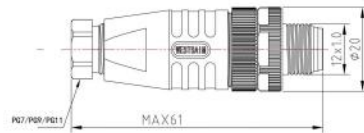
编码 Coding	A
芯数 Contacts	3, 4

Field Installation Connector

M12 plastic male plug (PG7/PG9/PG11)



Drawing

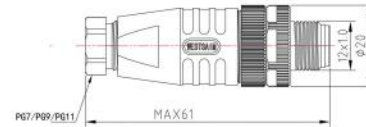


编码 Coding	A	B	D
芯数 Contacts	4, 5, 8	4, 5	4, 5

M12 male plug, vertical stripes (PG7/PG9/PG11)



Drawing

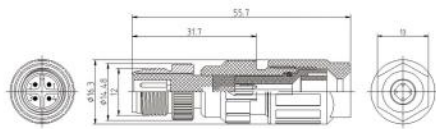


编码 Coding	A	B	D
芯数 Contacts	4, 5, 8	4, 5	4, 5

M12 male plug IDC type



Drawing

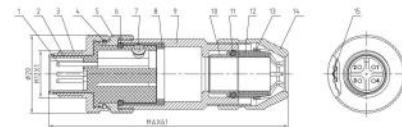


编码 Coding	A	B	D
芯数 Contacts	4, 5, 8, 12	4, 5	4, 5

M12 metal male plug (PG7/PG9) , shielded



Drawing



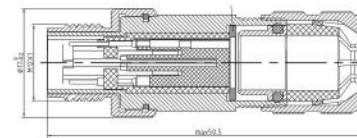
编码 Coding	A	B	D
芯数 Contacts	4, 5, 8	4, 5	4, 5

M12 X-code metal male plug; shield, crimping



Crimping contacts

Drawing

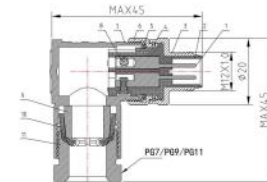


编码 Coding	X
芯数 Contacts	8

M12 plastic angled male plug (PG7/PG9/PG11)



Drawing

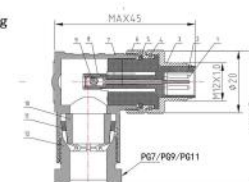


编码 Coding	A	B	D
芯数 Contacts	4, 5, 8	4, 5	4, 5

M12 angled male plug (PG7/PG9/PG11)



Drawing

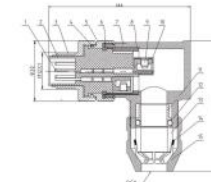


编码 Coding	A	B	D
芯数 Contacts	4, 5, 8	4, 5	4, 5

M12 angled male plug (PG7/PG9), shielded



Drawing



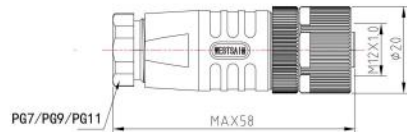
编码 Coding	A	B	D
芯数 Contacts	4, 5, 8	4, 5	4, 5

Field Installation Connector

M12 Plastic female plug (PG7/PG9/PG11)



Drawing

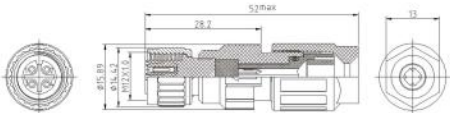


编码 Coding	A	B	D
芯数 Contacts	4, 5, 8	4, 5	4, 5

M12 female plug IDC type



Drawing

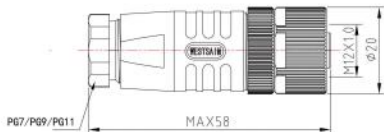


编码 Coding	A	B	D
芯数 Contacts	4, 5, 8, 12	4, 5	4, 5

M12 Female plug (PG7/PG9/PG11)



Drawing

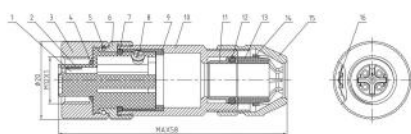


编码 Coding	A	B	D
芯数 Contacts	4, 5, 8	4, 5	4, 5

M12 Metal female plug (PG7/PG9) , shielded



Drawing

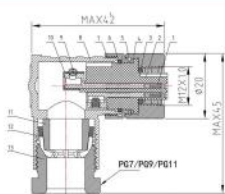


编码 Coding	A	B	D
芯数 Contacts	4, 5, 8	4, 5	4, 5

M12 angled female plug (PG7/PG9/PG11)



Drawing

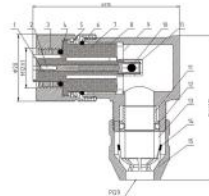


编码 Coding	A	B	D
芯数 Contacts	4, 5, 8	4, 5	4, 5

M12 metal angled male plug, (PG7/PG9) shielded



Drawing

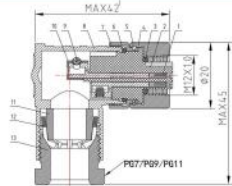


编码 Coding	A	B	D
芯数 Contacts	4, 5, 8	4, 5	4, 5

M12 Plastic angled female plug (PG7/PG9/PG11)



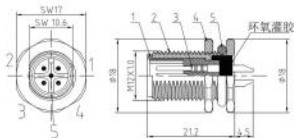
Drawing



编码 Coding	A	B	D
芯数 Contacts	4, 5, 8	4, 5	4, 5

Panel Mount Connector

M12 front fastened male socket M12*1.0 (Plastic)

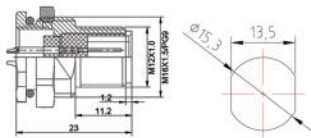


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 front fastened male socket PG9/ M16*1.5 (Plastic)



Drawing

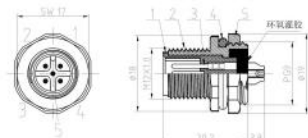


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 rear fastened male socket PG9/ M16*1.5 (Plastic)



Drawing

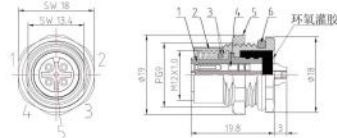


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 front fastened female socket PG9/ M16*1.5 (Plastic)



Drawing

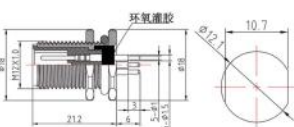


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 front fastened male socket dip solder M12*1.0 (Plastic)



Drawing

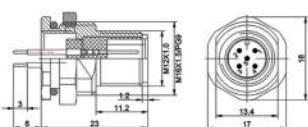


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 front fastened male socket dip solder PG9/ M16*1.5 (Plastic)



Drawing

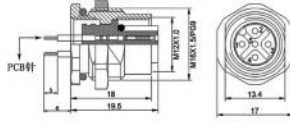


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 front fastened female socket dip solder PG9/M16X1.5 (Plastic)



Drawing

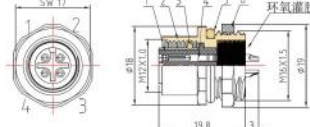


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 rear fastened female socket PG9/ M16*1.5 (Plastic)



Drawing



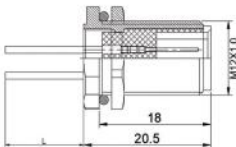
编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

Panel Mount Connector with Wires

M12 front fastened male socket with wire M12*1.0 (Plastic)



Drawing

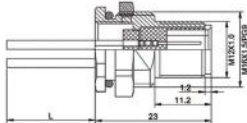


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 front fastened male socket with wire PG9/ M16*1.5 (Plastic)

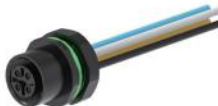


Drawing

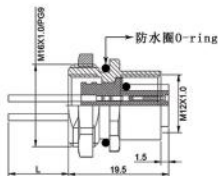


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 rear fastened female socket with wire PG9/M16*1.5 (Plastic)

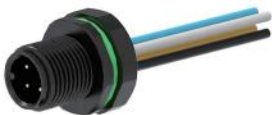


Drawing

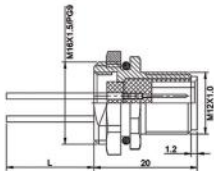


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 rear fastened male socket with wire PG9/M16*1.5 (Plastic)



Drawing

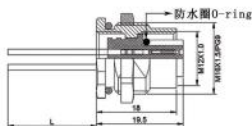


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 front fastened female socket with wire PG9/M16*1.5 (Plastic)



Drawing



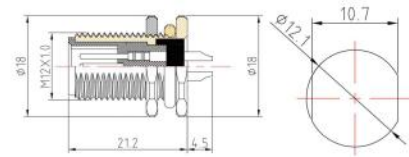
编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

Panel Mount Connector

M12 front fastened male socket M12*1.0



Drawing

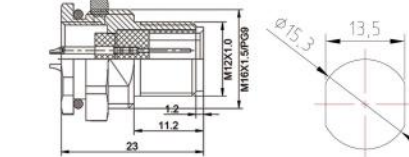


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 front fastened male socket PG9/ M16*1.5



Drawing

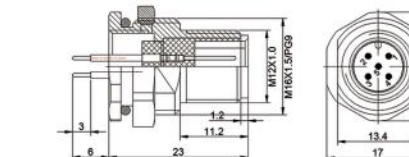


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 front fastened male socket dip solder PG9/ M16*1.5



Drawing

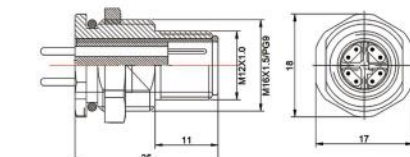


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

X-code front fasten male socket dip solder PG9/M16*1.5



Drawing

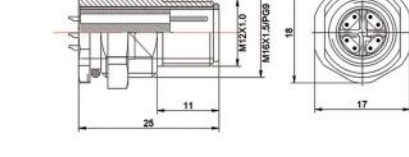


编码 Coding	X		
芯数 Contacts	8		

X-code front fasten male socket PG9



Drawing

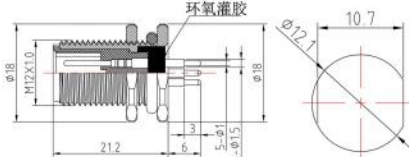


编码 Coding	X		
芯数 Contacts	8		

M12 front fastened male socket dip solder M12*1.0



Drawing

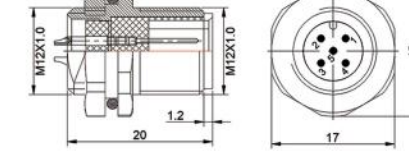


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 rear fastened male socket M12*1.0



Drawing

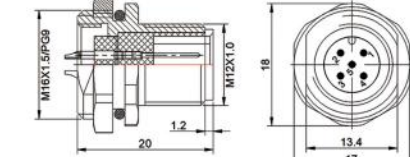


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 rear fastened male socket PG9/ M16*1.5



Drawing



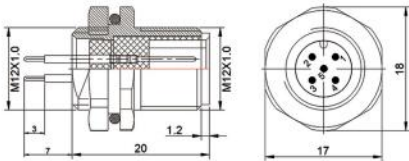
编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

Panel Mount Connector

M12 rear fastened male socket dip solder M12*1.0



Drawing

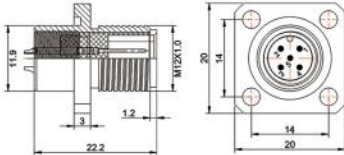


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 square flange male socket



Drawing

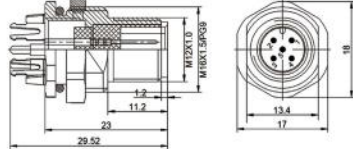


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 shielding front fastened male socket



Drawing

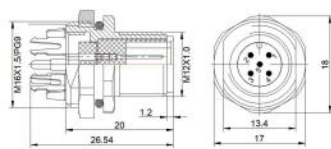


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 shielding rear fastened male socket



Drawing

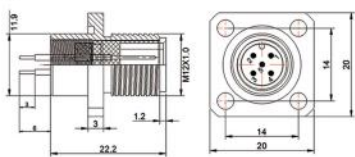


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 square flange male socket dip solder



Drawing

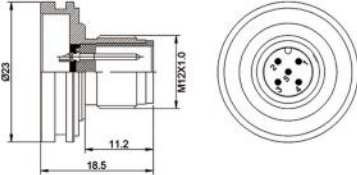


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 round flange male socket



Drawing

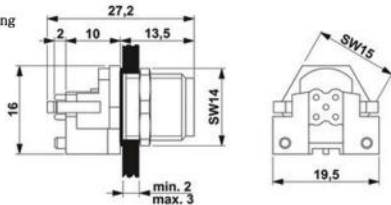


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 straight front fastened male socket (Plastic)



Drawing

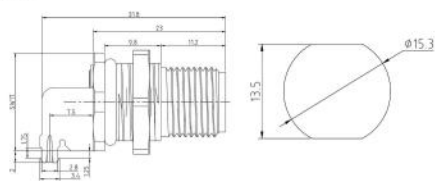


编码 Coding	A	D
芯数 Contacts	4, 5, 8	4

M12 shielding angled male socket



Drawing



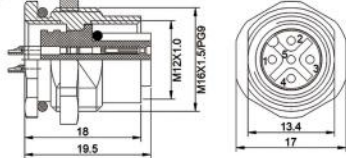
编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

Panel Mount Connector

M12 front fastened female socket PG9/ M16*1.5



Drawing

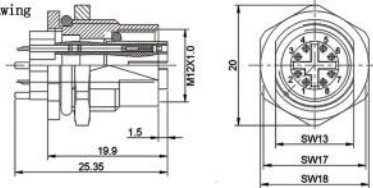


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 X-code front fastened female socket PG9



Drawing

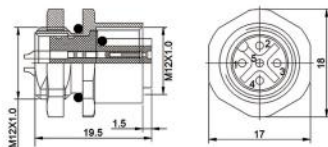


编码 Coding	X
芯数 Contacts	8

M12 rear fastened female socket M12*1.0



Drawing

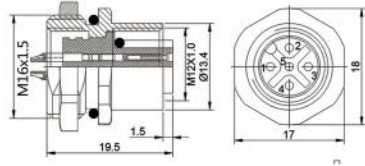


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 rear fastened female socket PG9/ M16*1.5



Drawing

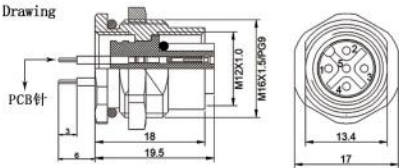


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 front fastened female socket dip solder PG9/M16X1.5



Drawing

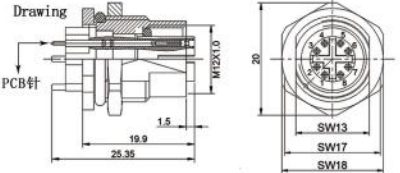


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 X-code front fastened female socket dip solder PG9



Drawing

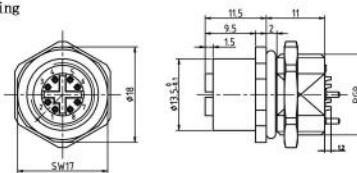


编码 Coding	X
芯数 Contacts	8

M12 X-code rear fastened female socket PG9



Drawing

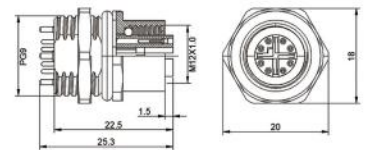


编码 Coding	X
芯数 Contacts	8

M12 X-code rear fastened female socket dip solder PG9



Drawing



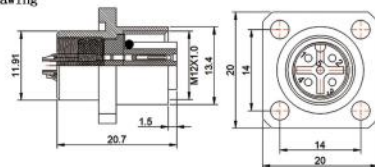
编码 Coding	X
芯数 Contacts	8

Panel Mount Connector

M12 square flange female socket



Drawing

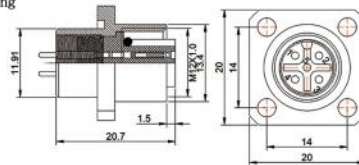


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 square flange female socket dip solder



Drawing

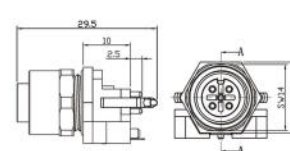


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 straight front fastened female socket (Plastic)



Drawing

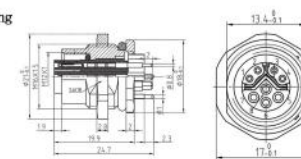


编码 Coding	A	D
芯数 Contacts	4, 5, 8	4

M12 Y-code front fastend female socket PG9/M16*1.5



Drawing

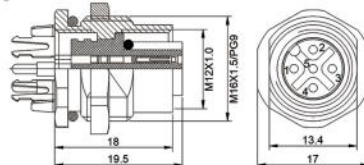


编码 Coding	Y
芯数 Contacts	8

M12 shielding front fastened female socket PG9/M16*1.5



Drawing

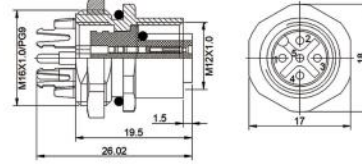


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 shielding rear fastened female socket PG9 PG9/M16*1.5



Drawing

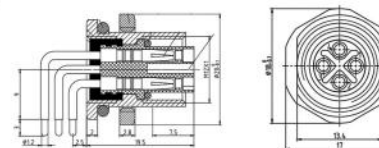


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 S code angled female socket



Drawing

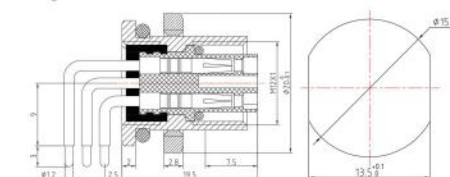


编码 Coding	S
芯数 Contacts	2+PE, 3+PE

M12 S code angled female socket (plastic)



Drawing



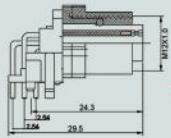
编码 Coding	S
芯数 Contacts	2+PE, 3+PE

Panel Mount Connector

M12 angled female socket



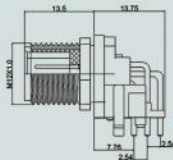
Drawing



M12 angled male socket



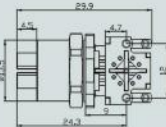
Drawing



M12 X code angled female socket



Drawing



M12 Y code angled female socket



Drawing



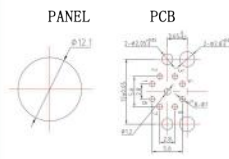
Female 2-17pins



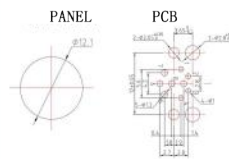
Male 2-17pins



Hole size

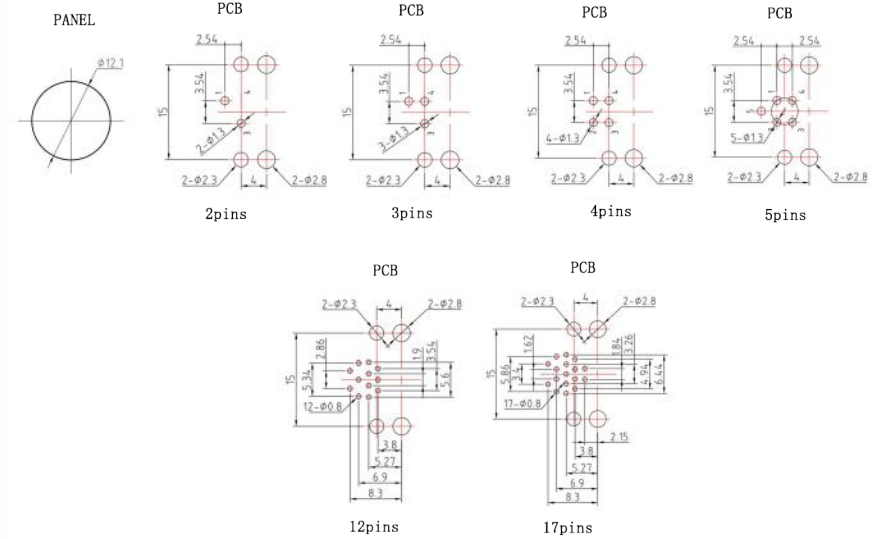


X code: 8pins



Y code: 8pins

Hole size



Hole size



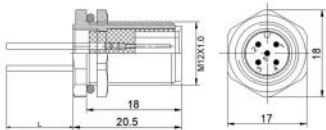
8PINS

Panel Mount Connector with Wires

M12 front fastened male socket with wire M12*1.0



Drawing

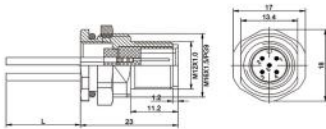


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 front fastened male socket with wire PG9/ M16*1.5



Drawing

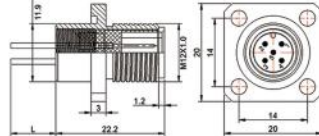


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 square male socket with wire



Drawing

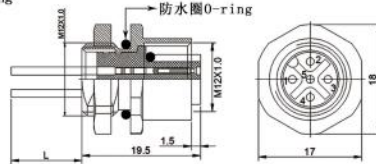


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 rear fastened female socket with wire M12*1.0



Drawing

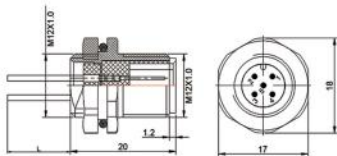


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 rear fastened male socket with wire M12*1.0



Drawing

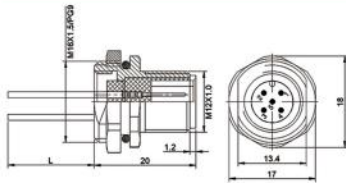


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 rear fastened male socket with wire PG9/M16*1.5



Drawing

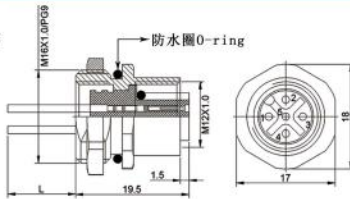


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 rear fastened female socket with wire PG9/M16*1.5



Drawing

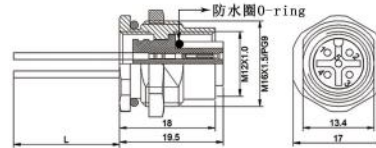


编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

M12 front fastened female socket with wire PG9/M16*1.5



Drawing



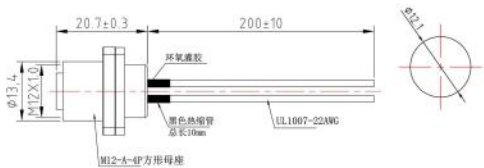
编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

Panel Mount Connector with Wires

M12 square female socket with wire



Drawing



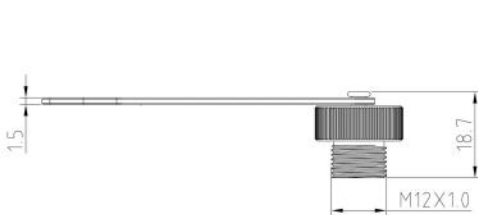
编码 Coding	A	B	D
芯数 Contacts	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17	4, 5	4, 5

Accessories

M12 plastic male dust cover Type 1



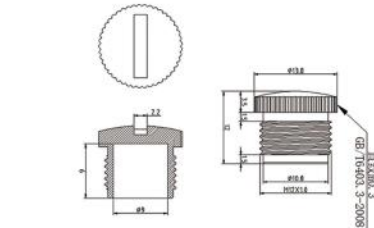
Drawing



M12 plastic male dust cover Type 2



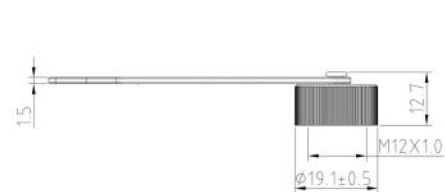
Drawing



M12 plastic female dust cover



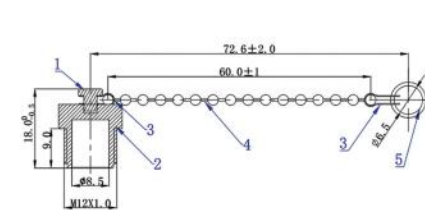
Drawing



M12 metal male dust cover Type 1



Drawing

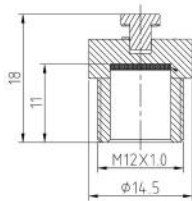


Accessories

M12 metal male dust cover Type 2



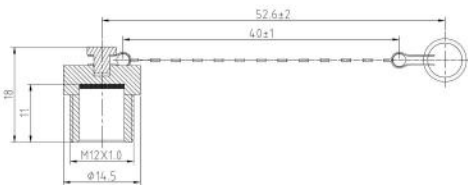
Drawing



M12 metal female dust cover Type 2



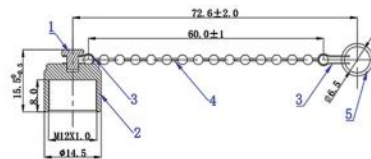
Drawing



M12 metal female dust cover Type 1



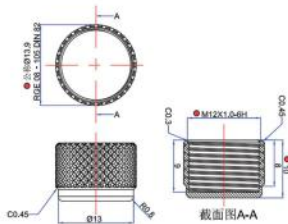
Drawing



M12 metal female dust cover Type 3



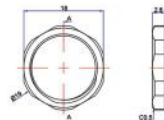
Drawing



Hexagonal nut, PG9



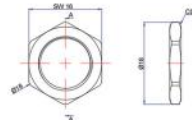
Drawing



Hexagonal nut, M12*1.0



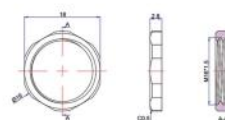
Drawing



Hexagonal nut, M16*1.5



Drawing



M12 技术参数 Technical Parameters

设计标准Design Standard		DIN EN 61076-2-101			
编码Coding:	A	A B D	A	A	A
芯数Contacts:	2,3	4 5	6 7 8	9 10 11 12	13 14 15 16 17
电流Current:	4A	4A	2A	1.5A	1.5A
电压Voltage:	250V	250V/60V	30V	30V	30V
耐压Withstanding Voltage:	2500V	2500V	800V	500V	500V
线规Wire Gauge:	22AWG	22AWG	24AWG	26AWG	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			

Circular Connector

M12 技术参数 Technical Parameters							
设计标准Design Standard				DIN EN 61076-2-111			
编码Coding:	S		L		T	K	M
芯数Contacts:	2+PE	3+PE	4	4+PE	4	4+PE	5+PE
电流Current:	12A	12A	16A	16A	12A	16A	8A
电压Voltage:	630V	630V	63V	63V	63V	630V	630V
耐压Withstanding Voltage:	6000V	6000V	1500V	1500V	1500V	6000V	6000V
线规Wire Gauge:	16AWG	16AWG	16AWG	16AWG	16AWG	16AWG	16AWG
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			

M12 技术参数 Technical Parameters				
设计标准Design Standard		DIN EN 61076-2-101		
编码Coding:	C			
芯数Contacts:	2+PE	3+PE	4+PE	5+PE
电流Current:	4A	4A	2A	2A
电压Voltage:	250V	250V	60V	60V
耐压Withstanding Voltage:	2500V	2500V	2500V	800V
线规Wire Gauge:	22AWG	22AWG	22AWG	22AWG
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		

M12 技术参数 Technical Parameters	
设计标准Design Standard	
DIN EN 61076-2-113	
编码Coding:	Y
芯数Contacts:	8
电流Current:	0.5A(信号) 6A(电源)
电压Voltage:	48V
耐压Withstanding Voltage:	2500V
线规Wire Gauge:	CAT5/20AWG
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	

M12 技术参数 Technical Parameters	
设计标准Design Standard	
DIN EN 61076-2-109	
编码Coding:	X
芯数Contacts:	8
电流Current:	0.5A
电压Voltage:	50VAC/60VDC
耐压Withstanding Voltage:	800V
线规Wire Gauge:	CAT6/23AWG
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	