

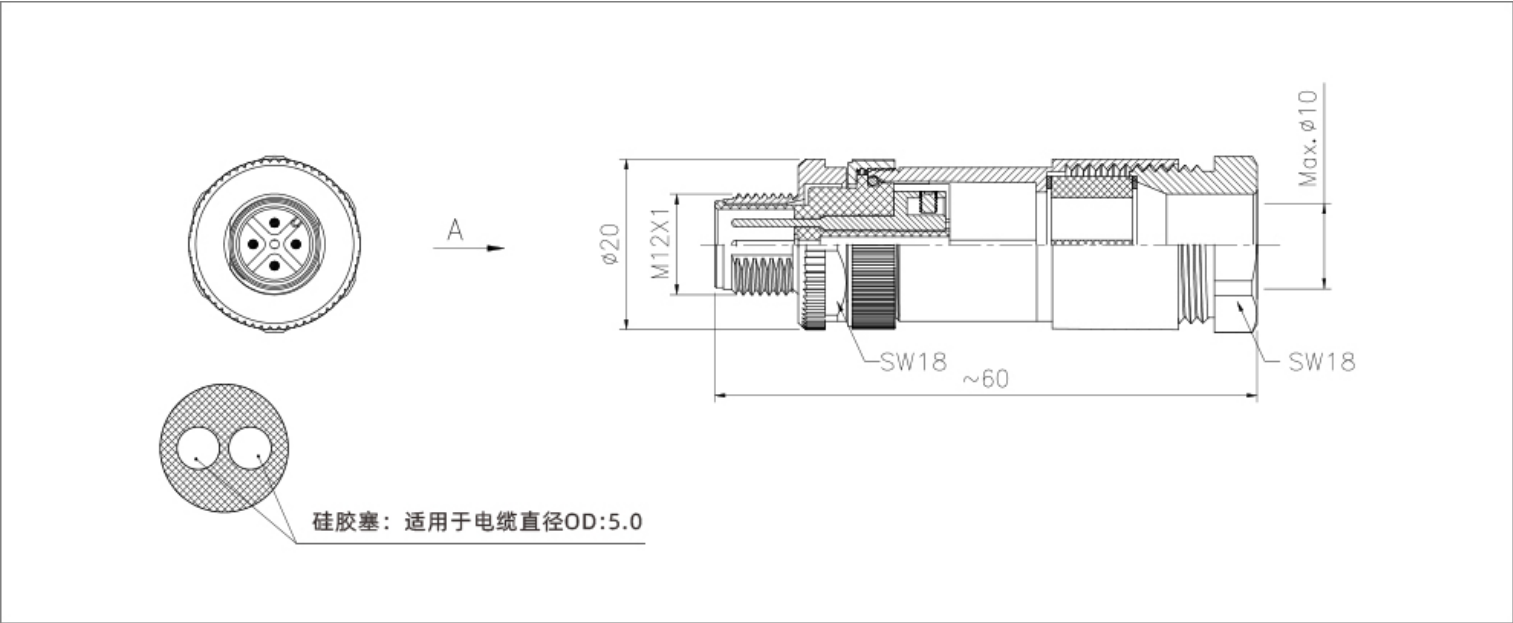


- European standard connector M12 series
- Structure type: Straight Male Double Entry Line Assembled Plug (Screw)
- Pin type: Male type
- Contacts number: 4 Pins
- Connection method: Screw
- Shield: No
- Certification: CE RoHS
- Standard: IEC 61076-2-101

TECHNICAL PARAMETER

Shell material	Brass nickel plating / Zinc alloy nickel / PA+GF
Insulator material	PA+GF/TPU
Sealing material	Epoxy resin / Rubber
Contact material	Brass / Phosphorus copper gold-plated
Molding material	TPU / PVC
Insulation impedance	≥ 100 MΩ
Contact impedance	≤ 5 m Ω
Durability	≥ 500 Cycles
Applicable temperature	-25℃ ~ +80℃
Waterproof	IP65 / IP67
Executive standard	IEC 61076-2-101

DIMENSION



WIRING DEFINITION

芯位 Pins	线芯颜色 Wire core color	芯位 Pins	线芯颜色 Wire core color	芯位 Pins	线芯颜色 Wire core color	芯位 Pins	线芯颜色 Wire core color
2芯(Pins)		3芯(Pins)		6芯(Pins)		8芯(Pins)	
1	BN	1	BN	1	BN	1	WH
2	-	2	-	2	WH	2	BN
3	BU	3	BU	3	BU	3	GN
		4	BK	4	BK	4	YE
				5	-	5	GY
				6	GY	6	PK
				7	RD	7	BU
						8	RD

芯位 Pins	线芯颜色 Wire core color	芯位 Pins	线芯颜色 Wire core color	芯位 Pins	线芯颜色 Wire core color	芯位 Pins	线芯颜色 Wire core color
4芯A编码(4 Pins A-Code)		4芯B编码(4 Pins B-Code)		4芯D编码(4 Pins D-Code)			
1	BN	1	BN	1	YE		
2	WH	2	WH	2	WH		
3	BU	3	BU	3	OG		
4	BK	4	BK	4	BU		

芯位 Pins	线芯颜色 Wire core color	芯位 Pins	线芯颜色 Wire core color	芯位 Pins	线芯颜色 Wire core color	芯位 Pins	线芯颜色 Wire core color
5芯A编码(5 Pins A-Code)		5芯B编码(5 Pins B-Code)					
1	BN	1	BN				
2	WH	2	WH				
3	BU	3	BU				
4	BK	4	BK				
5	GY	5	GY				

芯位 Pins	线芯颜色 Wire core color	芯位 Pins	线芯颜色 Wire core color	芯位 Pins	线芯颜色 Wire core color	芯位 Pins	线芯颜色 Wire core color
12芯(Pins)				17芯(Pins)			
1	BN	1	BN	1	BN		
2	BU	2	BU	2	BU		
3	WH	3	WH	3	WH		
4	GN	4	GN	4	GN		
5	PK	5	PK	5	PK		
6	YE	6	YE	6	YE		
7	BK	7	BK	7	BK		
8	GY	8	GY	8	GY		
9	RD	9	RD	9	RD		
10	VT	10	VT	10	VT		
11	OG	11	OG	11	OG		
12	LTGN	12	LTGN	12	LTGN		

芯位 Pins	线芯颜色 Wire core color	芯位 Pins	线芯颜色 Wire core color	芯位 Pins	线芯颜色 Wire core color	芯位 Pins	线芯颜色 Wire core color
				13	LTBU		
				14	BKWH		
				15	BNWH		
				16	RDWH		
				17	BUWH		

Wiring definition according to conventional standards, if according to the agreement or other please contact our sales.

ELECTRICAL PARAMETERS

芯数 Pins	针型 Male				额定电流 Rated current	额定电压 Rated voltage		导体规格 Conductor size		孔型 Female			
	A	B	C	D		A/C	D/C	AWG	mm ²	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型(A-Code) B型(B-Code) 2A:C型(C-Code)	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				

Ordering products

Product name	Pins	Models	3D Download	2D Download
Straight Male Plastic Assembled 1 to 2 Plug (Screw)	4A	M12-P4A-PLA-IT2	↓	↓

Data Download

Product Catalog	CAZN-M-SERIE-CONNECTOR 、 CAZN-NMEA-Dedicated-Connector
EMC	EMC Certificate
RoHS	RoHS Certificate