

M12 Angled Male Metal Assembled Plug Screw



- European standard connector M12 series
- Structure type: Metal Assembled Curved Plug
- Pin type: Male type
- Contacts number: 2,3,4,5,6,8 Pins
- Connection method: Screw
- Shield: Yes
- Certification: CE,RoHS,UL ,
- Standard: IEC 61076-2-101

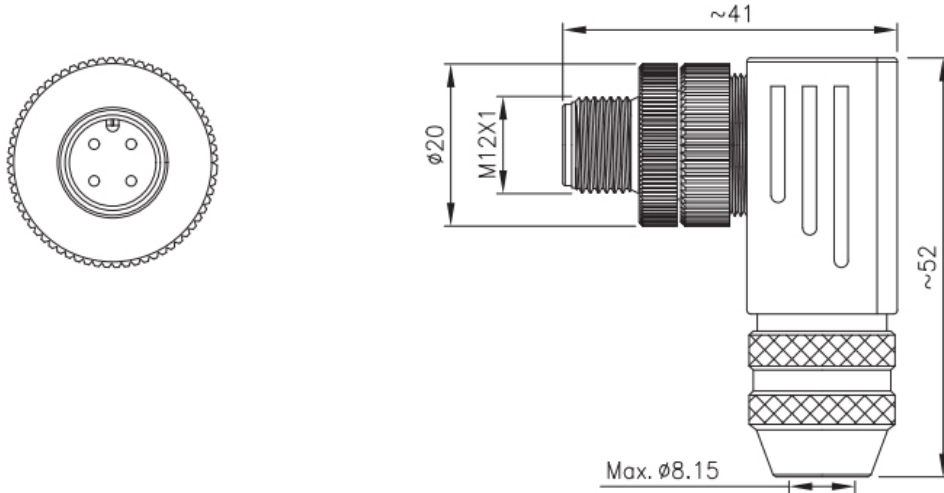
TECHNICAL PARAMETERS

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	$\geq 100 \text{ M}\Omega$
Contact impedance	$\leq 5 \text{ m}\Omega$
Durability	≥ 500 Cycles
Applicable temperature	-25°C ~ +80°C
Waterproof	IP65 / IP67
Executive standard	IEC 61076-2-101

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DIMENSION



WIRING DEFINITION

芯位 Pins	线芯颜色 Wire core color
2芯(Pins)	
1	BN
2	-
3	BU

芯位 Pins	线芯颜色 Wire core color
3芯(Pins)	
1	BN
2	-
3	BU
4	BK

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

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

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	BN	YE
2	WH	WH	WH
3	BU	BU	OG
4	BK	BK	BU

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





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

*接线定义按常规标准，如按协议或者其他请联系我司业务。

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

ELECTRICAL PARAMETERS

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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	Outlet size-PG7	Outlet size-PG9	3D Download	2D Download
M12 Angled male metal assembled plug 2A screw	M12-P2A-GLDP7	M12-P2A-GLDP9		
M12 Angled male metal assembled plug 3A screw	M12-P3A-GLDP7	M12-P3A-GLDP9		
M12 Angled male metal assembled plug 4A screw	M12-P4A-GLDP7	M12-P4A-GLDP9		
M12 Angled male metal assembled plug 4D screw	M12-P4D-GLDP7	M12-P4D-GLDP9		
M12 Angled male metal assembled plug 5A screw	M12-P5A-GLDP7	M12-P5A-GLDP9		
M12 Angled male metal assembled plug 5B screw	M12-P5B-GLDP7	M12-P5B-GLDP9		
M12 Angled male metal assembled plug 6A screw	M12-P6A-GLDP7	M12-P6A-GLDP9		
M12 Angled male metal assembled plug 8A screw	M12-P8A-GLDP7	M12-P8A-GLDP9		