



M12 Female / Male Front Mount Socket (Solder)

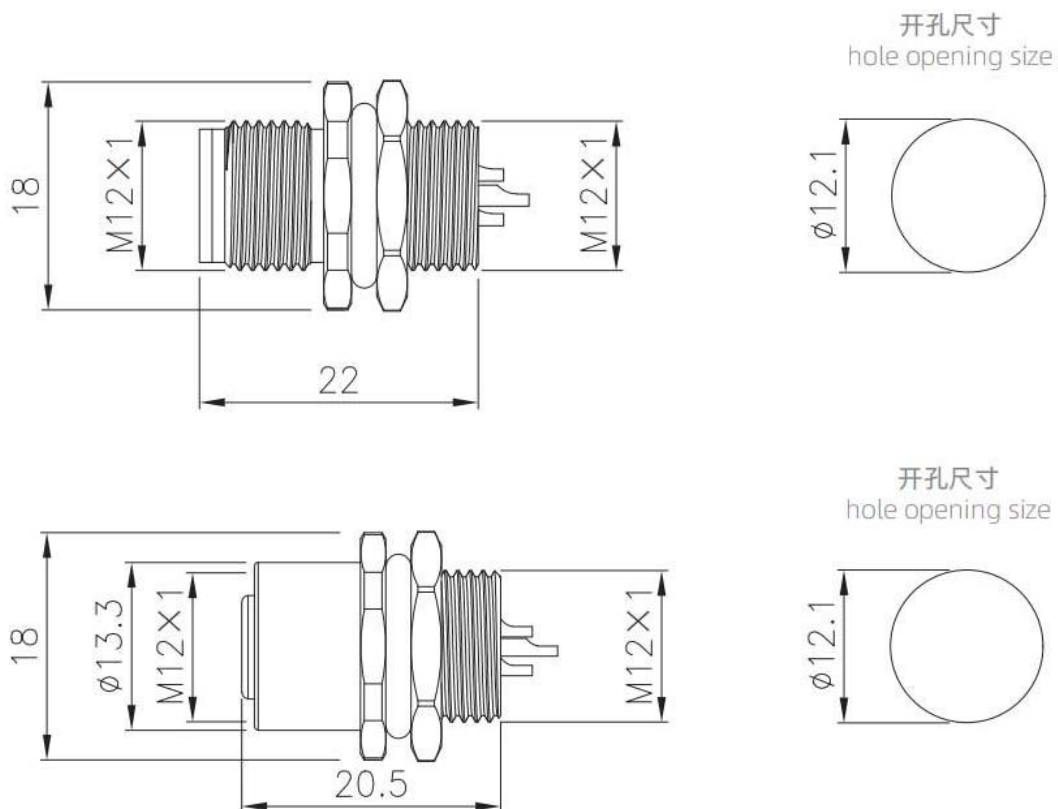
PRODUCT PARAMETERS

Shell material :	Brass nickel plating / zinc alloy nickel / PA
Insulator material :	PA / TPU
Sealing material :	Epoxy resin / Rubber
Contact material :	Brass / Phosphorus copper gold-plated
Waterproof grade :	IP65 / IP67
Insulation impedance :	$\geq 100 \text{ m}\Omega$
Contact impedance :	$\leq 5 \text{ m}\Omega$
Durability :	$\geq 500 \text{ Cycles}$
Applicable temperature :	-25°C ~ +80°C
Execution standard :	IEC 61076-2-101

M12 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				

DIMENSION DRAWING



WIRE 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
2	WH
3	BU
4	BK

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

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
2	WH
3	BU
4	BK
5	GY

*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.