

## M12 Zinc alloy shell Female Back Mount Socket Solder Screw

### M16\*1.5/PG9



- European standard connector M12 series
- Structure type: Back mount socket
- Pin type: Female type
- Product shell : Zinc alloy shell
- Contacts number: 2,3,4,5,6,8,12,17 Pins
- Connection method: Solder
- Shield: No
- Certification: CE,RoHS,UL ,
- Standard: IEC 61076-2-101

### TECHNICAL PARAMETER

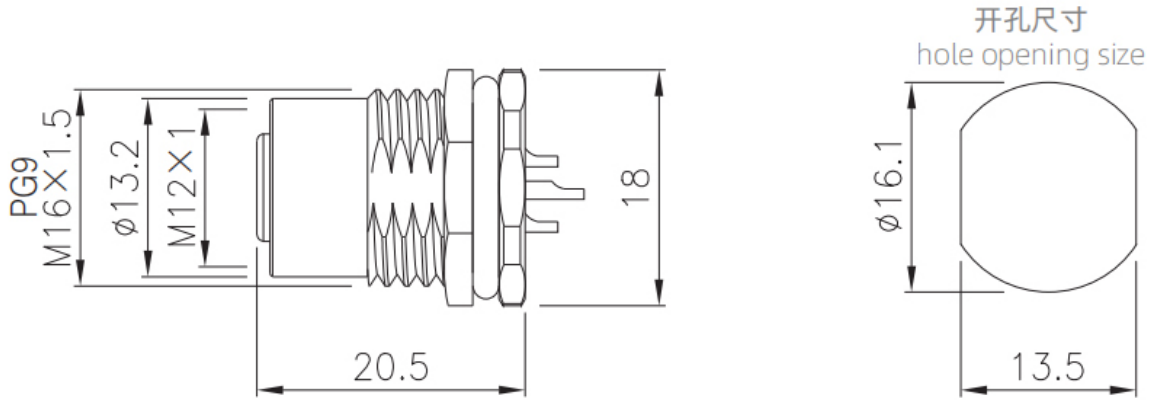
Shell material	Brass/Zinc alloy nickel plated
Insulator material	PA+GF / TPU
Sealing material	Fluoro rubber,Green
Contact material	Brass , gold-plated
Molding material	TPU / PVC
Insulation impedance	$\geq 100 \text{ M}\Omega$
Contact impedance	$\leq 5 \text{ m}\Omega$
Durability	$\geq 500$ Cycles
Applicable temperature	-40°C ~ +80°C
Waterproof	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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## M16\*1.5/PG9

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 <sup>2</sup>	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	Outlet Size-PG9	Outlet Size-M16x1.5	3D Download	2D Download
M12 Zinc alloy shell Female Back Mount Socket (Solder)	2A	M12-S2A-GWFP9-ZA	M12-S2A-GWFM16-ZA	M16/PG9	<a href="#">M16/PG9</a>
M12 Zinc alloy shell Female Back Mount Socket (Solder)	3A	M12-S3A-GWFP9-ZA	M12-S3A-GWFM16-ZA	M16/PG9	<a href="#">M16/PG9</a>
M12 Zinc alloy shell Female Back Mount Socket (Solder)	4A	M12-S4A-GWFP9-ZA	M12-S4A-GWFM16-ZA	M16/PG9	<a href="#">M16/PG9</a>
M12 Zinc alloy shell Female Back Mount Socket (Solder)	4B	M12-S4B-GWFP9-ZA	M12-S4B-GWFM16-ZA	M16/PG9	<a href="#">M16/PG9</a>
M12 Zinc alloy shell Female Back Mount Socket (Solder)	4D	M12-S4D-GWFP9-ZA	M12-S4D-GWFM16-ZA	M16/PG9	<a href="#">M16/PG9</a>
M12 Zinc alloy shell Female Back Mount Socket (Solder)	5A	M12-S5A-GWFP9-ZA	M12-S5A-GWFM16-ZA	M16/PG9	<a href="#">M16/PG9</a>

## [M12 Zinc alloy shell Female Back Mount Socket Solder Screw](#)



### [M16\\*1.5/PG9](#)

M12 Zinc alloy shell Female Back Mount Socket (Solder)	5B	M12-S5B-GWFP9-ZA	M12-S5B-GWFM16-ZA	M16/PG9	<a href="#">M16/PG9</a>
M12 Zinc alloy shell Female Back Mount Socket (Solder)	5D	M12-S5D-GWFP9-ZA	M12-S5D-GWFM16-ZA	M16/PG9	<a href="#">M16/PG9</a>
M12 Zinc alloy shell Female Back Mount Socket (Solder)	6A	M12-S6A-GWFP9-ZA	M12-S6A-GWFM16-ZA	M16/PG9	<a href="#">M16/PG9</a>
M12 Zinc alloy shell Female Back Mount Socket (Solder)	8A	M12-S8A-GWFP9-ZA	M12-S8A-GWFM16-ZA	M16/PG9	<a href="#">M16/PG9</a>
M12 Zinc alloy shell Female Back Mount Socket (Solder)	12A	M12-S12A-GWFP9-ZA	M12-S12A-GWFM16-ZA	M16/PG9	<a href="#">M16/PG9</a>
M12 Zinc alloy shell Female Back Mount Socket (Solder)	17A	M12-S17A-GWFP9-ZA	M12-S17A-GWFM16-ZA	M16/PG9	<a href="#">M16/PG9</a>

## Data Download

Product Catalog	<a href="#">CAZN-M-SERIE-CONNECTOR</a> , <a href="#">CAZN-NMEA-Dedicated-Connector</a>
EMC	<a href="#">EMC Certificate</a>
RoHS	<a href="#">RoHS Certificate</a>