

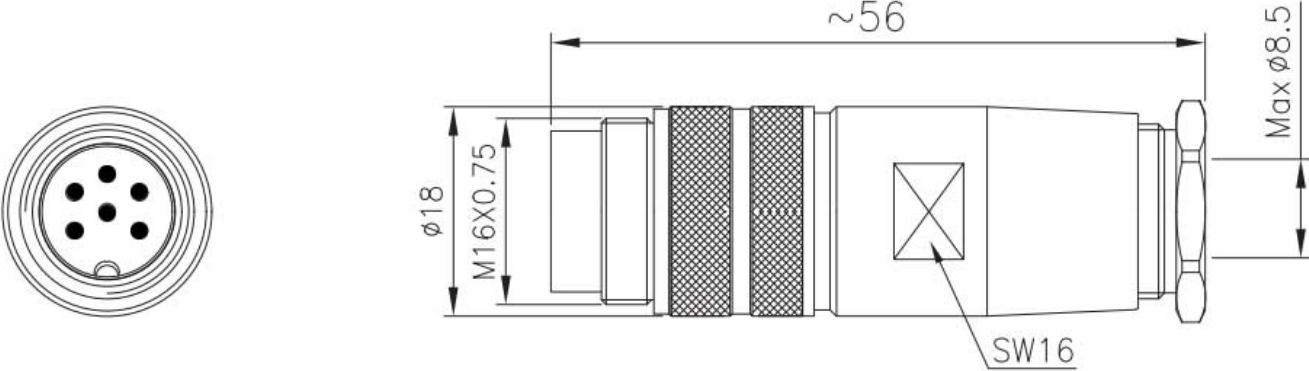


- European standard connector M16 series,
- Structure type: Straight Metal Assembled Plug
- Pin type: Male
- Contacts number:  
2,3,4,5,6,7,8,12,14,16,19,24 pins
- Connection method: Solder
- Shield: Yes
- Certification: CE,RoHS,UL ,
- Standard : IEC 61076-2-106-2012 AISG

## MECHANICAL PARAMETERS

Shell material :	Brass/Zinc alloy nickel/Brass nickel plated
Insulator material :	PA66
Sealing material :	Epoxy resin/Rubber
Contact material :	Brass/Phosphorus copper gold-plated
Molding material :	TPU/PVC
Wiring range :	PG7:4~6mm; PG9:6~8mm
Contact impedance :	≤5 mΩ
Durability :	≥500 Cycles
Applicable temperature :	-25°C ~ +80°C
Waterproof grade :	IP65/IP67

DATASHEET



M16 ELECTRICAL PARAMETERS

# M16 Straight Male Metal Assembled Plug (Solder)

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	
	常规编码 General coding	A型 A-code		A/C	D/C	AWG	mm <sup>2</sup>	常规编码 General coding	A型 A-code
2			7A	250V	32V	20	0.75		
3			7A	250V	32V	20	0.75		
4			6A	250V	32V	20	0.75		
5			6A	250V	32V	20	0.75		
6			5A	250V	32V	20	0.75		
7			5A	125V	32V	20	0.75		
8			5A	60V	32V	20	0.75		
12			3A	60V	32V	24	0.25		
14			3A	60V	32V	24	0.25		
16			3A	60V	32V	24	0.25		
19			3A	60V	32V	24	0.25		
24			1A	60V	32V	26	0.14		

## Ordering products

Product name	Outlet size-PG7	Outlet size-PG9	Pins	3D Download	2D Download
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## [M16 Straight Male Metal Assembled Plug \(Solder\)](#)

M16 Straight Male Metal Assembled Plug (Solder)-2Pin	M16-P2-GWA P7	M16-P2-GWA P9	2		
M16 Straight Male Metal Assembled Plug (Solder)-3Pin	M16-P3-GWA P7	M16-P3-GWA P9	3		
M16 Straight Male Metal Assembled Plug (Solder)-4Pin	M16-P4-GWA P7	M16-P4-GWA P9	4		
M16 Straight Male Metal Assembled Plug (Solder)-5Pin	M16-P5-GWA P7	M16-P5-GWA P9	5		
M16 Straight Male Metal Assembled Plug (Solder)-6Pin	M16-P6-GWA P7	M16-P6-GWA P9	6		
M16 Straight Male Metal Assembled Plug (Solder)-7Pin	M16-P7-GWA P7	M16-P7-GWA P9	7		
M16 Straight Male Metal Assembled Plug (Solder)-8Pin	M16-P8-GWA P7	M16-P8-GWA P9	8		
M16 Straight Male Metal Assembled Plug (Solder)-12Pin	M16-P12-GWA P7	M16-P12-GWA P9	12		
M16 Straight Male Metal Assembled Plug (Solder)-14Pin	M16-P14-GWA P7	M16-P14-GWA P9	14		
M16 Straight Male Metal Assembled Plug (Solder)-16Pin	M16-P16-GWA P7	M16-P16-GWA P9	16		
M16 Straight Male Metal Assembled Plug (Solder)-19Pin	M16-P19-GWA P7	M16-P19-GWA P9	19		
M16 Straight Male Metal Assembled Plug (Solder)-24Pin	M16-P24-GWA P7	M16-P24-GWA P9	24		
M16 Straight Male Metal Assembled Plug (Solder)-5Pin-A	M16-P5A-GWA P7	M16-P5A-GWA P9	5A		
M16 Straight Male Metal Assembled Plug (Solder)-7Pin-A	M16-P7A-GWA P7	M16-P7A-GWA P9	7A		
M16 Straight Male Metal Assembled Plug (Solder)-14Pin-A	M16-P14A-GWA P7	M16-P14A-GWA P9	14A		

## Data Download

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