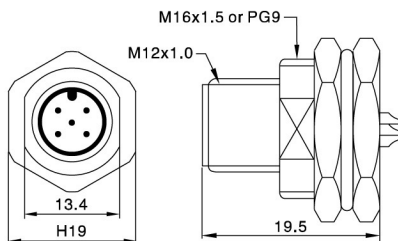




## M12 Male Panel Mount, Solder, Front fastened

- Connector series: M12
- Gender: Male
- Coding: A,B,C,D
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB12MS\*FF\*\*ST-X

\* refers to coding type  
\*\* refers to pins number  
X refers to Chassis-side thread size



### General information

Standard:	IEC 61076-2-101	Insulation resistance:	≥ 100MΩ
Ambient temperature:	-20°C ~ +90°C	Contact resistance :	≤ 5mΩ
Connector insert:	TPU	Shielding:	Unavailable
Connector contacts:	Brass with gold plated	IP rating:	IP68 in locked condition
Connector nut/screw:	Brass with nickel plated	Panel cut-out:	Refer to page 287
Seal / O-ring:	Epoxy resin / FKM	Mating endurance:	>500 cycles

### Electrical data & Mechanical data

Contacts	Available Coding				Contacts termination	Rated current	Voltage		Wire gauge / size		Part No.
	A	B	C	D			A/C	D/C	AWG	mm <sup>2</sup>	
03 pins					Solder version	4A	250V	250V	22AWG	0.34	MB12MSAFF03ST-X MB12MSBFF03ST-X MB12MSCFF03ST-X
04 pins					Solder version	4A	250V	250V	22AWG	0.34	MB12MSAFF04ST-X MB12MSBFF04ST-X MB12MSCFF04ST-X MB12MSDFF04ST-X
05 pins					Solder version	4A 2A (C-code)	60V	60V	22AWG 24AWG (C-code)	0.34 0.25 (C-code)	MB12MSAFF05ST-X MB12MSBFF05ST-X MB12MSCFF05ST-X
06 pins					Solder version	2A	30V	30V	24AWG	0.25	MB12MSCFF06ST-X
08 pins					Solder version	2A	30V	30V	24AWG	0.25	MB12MSAFF08ST-X
12 pins					Solder version	1.5A	30V	30V	26AWG	0.14	MB12MSAFF12ST-X
17 pins					Solder version	1.5A	30V	30V	26AWG	0.14	MB17MSAFF17ST-X

Note: X refers to Chassis-side thread size

### Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm<sup>2</sup>.
- Please refer to Page 96 for products' part number encoding rule.