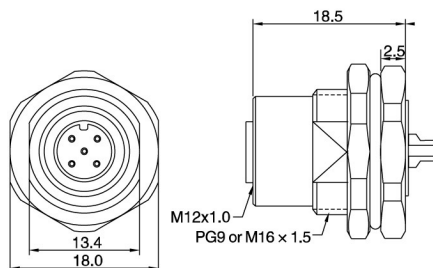




M12 Female Panel Mount, Solder, Front fastened

- Connector series: M12
- Gender: Female
- Coding: A,B,C,D
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB12FS*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

Ambient temperature: -20°C ~ +90°C

Connector insert: PA+GF

Connector contacts: Brass with gold plated

Connector nut/screw: Brass with nickel plated

Seal / O-ring: Epoxy resin / FKM

Insulation resistance: $\geq 100M\Omega$

Contact resistance: $\leq 5m\Omega$

Shielding: Unavailable

IP rating: IP68 in locked condition

Panel cut-out: Refer to page 287

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 ²	
03 pins					Solder version	4A	250V	250V	22AWG	0.34	MB12FAFF03ST-X MB12FSBFF03ST-X MB12FSCFF03ST-X
04 pins					Solder version	4A	250V	250V	22AWG	0.34	MB12FAFF04ST-X MB12FSBFF04ST-X MB12FSCFF04ST-X MB12FSDFF04ST-X
05 pins					Solder version	4A 2A (C-code)	60V	60V	22AWG 24AWG (C-code)	0.34 0.25 (C-code)	MB12FAFF05ST-X MB12FSBFF05ST-X MB12FSCFF05ST-X
06 pins					Solder version	2A	30V	30V	24AWG	0.25	MB12FSCFF06ST-X
08 pins					Solder version	2A	30V	30V	24AWG	0.25	MB12FAFF08ST-X
12 pins					Solder version	1.5A	30V	30V	26AWG	0.14	MB12FAFF12ST-X
17 pins					Solder version	1.5A	30V	30V	26AWG	0.14	MB12FAFF17ST-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 mm².
- Please refer to Page 96 for products' part number encoding rule.