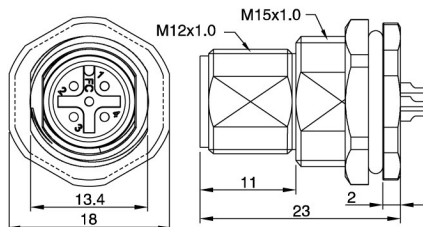




M12 Male Panel Mount, Plastic Screw/Nut, Solder, Front fastened

- Connector series: M12
- Gender: Male
- Coding: A,B,C,D
- Locking type: Plastic fix screw
- Mounting type: Front fastened
- Part No.: MB12MS*FP**ST-1

* refers to coding type
** refers to pins number



General information



Standard: IEC 61076-2-101

Ambient temperature: -25°C ~ +90°C

Connector insert: PA

Connector contacts: Brass with gold plated

Connector nut/screw: PA+GF

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	MB12MSAFP03ST-1 MB12MSBFP03ST-1 MB12MSCFP03ST-1
04 pins					Solder version	4A	250V	250V	22AWG	0.34	MB12MSAFP04ST-1 MB12MSBFP04ST-1 MB12MSCFP04ST-1 MB12MSDFP04ST-1
05 pins					Solder version	4A 2A (C-code)	60V	60V	22AWG 24AWG (C-code)	0.34 0.25 (C-code)	MB12MSAFP05ST-1 MB12MSBFP05ST-1 MB12MSCFP05ST-1
06 pins					Solder version	2A	30V	30V	24AWG	0.25	MB12MSCFP06ST-1
08 pins					Solder version	2A	30V	30V	24AWG	0.25	MB12MSAFP08ST-1

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.