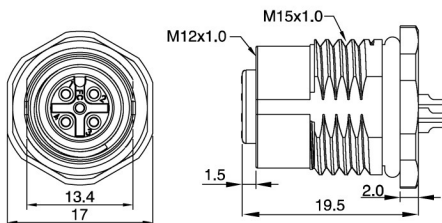




## M12 Female Panel Mount, Plastic Screw/Nut, Solder, Front fastened

- Connector series: M12
- Gender: Female
- Coding: A,B,C,D
- Locking type: Plastic fix screw
- Mounting type: Front fastened
- Part No.: MB12FS\*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:  $\geq 100\text{M}\Omega$

Contact resistance :  $\leq 5\text{m}\Omega$

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 <sup>2</sup>	
03 pins					Solder version	4A	250V	250V	22AWG	0.34	MB12FSAFP03ST-1 MB12FSBFP03ST-1 MB12FSCFP03ST-1
04 pins					Solder version	4A	250V	250V	22AWG	0.34	MB12FSAFP04ST-1 MB12FSBFP04ST-1 MB12FSCFP04ST-1 MB12FSDFP04ST-1
05 pins					Solder version	4A 2A (C-code)	60V	60V	22AWG 24AWG (C-code)	0.34 0.25 (C-code)	MB12FSAFP05ST-1 MB12FSBFP05ST-1 MB12FSCFP05ST-1
06 pins					Solder version	2A	30V	30V	24AWG	0.25	MB12FSCFP06ST-1
08 pins					Solder version	2A	30V	30V	24AWG	0.25	MB12FSAFP08ST-1

### 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.