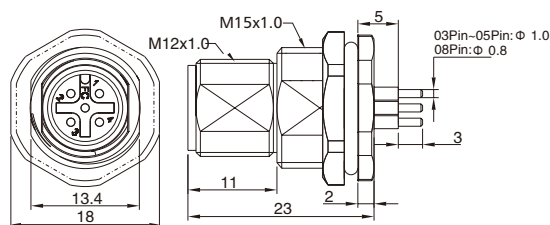# M12 Male Panel Mount, Plastic Screw/Nut, PCB Type, Front fastened

- Connector series: M12
- Gender: Male
- Coding: A,B,C,D
- Locking type: Plastic fix screw
- Mounting type: Front fastened
- Part No.: MB12MB*FP**ST-1

    * refers to coding type
    ** refers to pins number

General information

Standard:	IEC 61076-2-101	Insulation resistance:	≥100MΩ
Ambient temperature:	-25℃ ~ +90℃	Contact resistance :	≤5mΩ
Connector insert:	PA	Shielding:	Unavailable
Connector contacts:	Brass with gold plated	IP rating:	IP68 in locked condition
Connector nut/screw:	PA+GF	Panel cut-out:	Refer to page 287
Seal / O-ring:	Epoxy resin / FKM	PCB layout:	Refer to page 286
		Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Available Coding				Contacts termination	Rated current	Voltage		Part No.
	A	B	C	D			A/C	D/C	
03 pins			(2+PE)		PCB version	4A	250V	250V	MB12MBAFP03ST-1 MB12MBBFP03ST-1 MB12MBCFP03ST-1
04 pins			(3+PE)		PCB version	4A	250V	250V	MB12MBAFP04ST-1 MB12MBBFP04ST-1 MB12MBCFP04ST-1 MB12MBDFP04ST-1
05 pins			(4+PE)		PCB version	4A 2A(C-code)	60V	60V	MB12MBAFP05ST-1 MB12MBBFP05ST-1 MB12MBCFP05ST-1
06 pins			(5+PE)		PCB version	2A	30V	30V	MB12MBCFP06ST-1
08 pins					PCB version	2A	30V	30V	MB12MBAFP08ST-1

Remarks

• Please refer to Page 96 for products' part number encoding rule.