M12 Female Panel, Die-cast Screw, PCB Type, Front fastened, Shielded

- Connector series: M12
- Gender: Female
- Coding: A,B,C,D
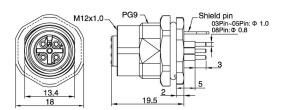- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB12FBS*FHD**ST-3

  * refers to coding type
  ** refers to pins number

■ General information

Standard:	IEC 61076-2-101
Ambient temperature:	-25℃ ~ +90℃
Connector insert:	PA
Connector contacts:	Brass with gold plated
Connector nut/screw:	Zinc alloy with nickel plated
Seal / O-ring:	Epoxy resin / FKM

Insulation resistance:	≥100MΩ
Contact resistance :	≤5mΩ
Shielding:	Available
IP rating:	IP68 in locked condition
Panel cut-out:	Refer to page 287
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	3O O4 O1	3O O4 O1	OPE 3O O2 (2+PE)		PCB version	4A	250V	250V	MB12FBSAFHD03ST-3 MB12FBSBFHD03ST-3 MB12FBSCFHD03ST-3
04 pins	3O O4 2O O1	3O O4 2O O1	OPE 3O 2O O1 (3+PE)	3O O4 2O O1	PCB version	4A	250V	250V	MB12FBSAFHD04ST-3 MB12FBSBFHD04ST-3 MB12FBSCFHD04ST-3 MB12FBSDFHD04ST-3
05 pins	3O O4 O5 2O O1	3O O4 O5 2O O1	PE O 3O O4 1O O5 2O (4+PE)		PCB version	4A 2A(C-code)	60V	60V	MB12FBSAFHD05ST-3 MB12FBSBFHD05ST-3 MB12FBSCFHD05ST-3
06 pins			PE O 2O O4 1O O5 (5+PE)		PCB version	2A	30V	30V	MB12FBSCFHD06ST-3
08 pins	4O O6 5 3O O7 2O O1 8				PCB version	2A	30V	30V	MB12FBSAFHD08ST-3

■ Remarks

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