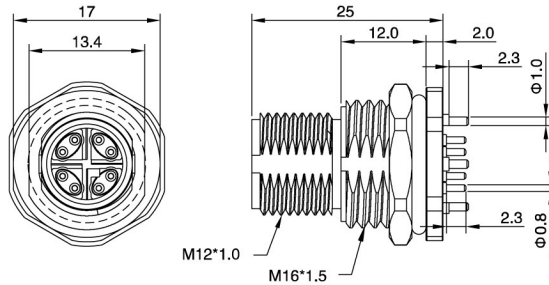# M12 Male Panel Mount, PCB Type, Front fastened, X-coding, Shielded

- Connector series: M12
- Gender: Male
- Coding: X
- Locking type: Fix screw
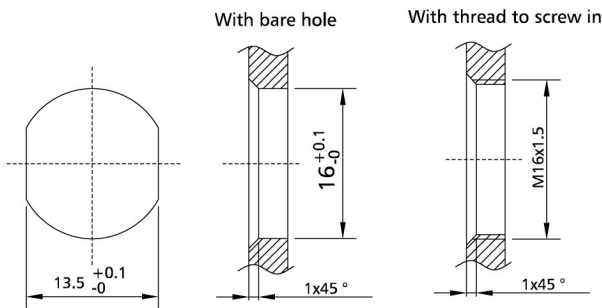- Mounting type: Front fastened
- Part No.: MB12MBSXFF08ST-2

17
13.4
25
12.0
2.0
2.3
Φ1.0
2.3
Φ0.8
M12*1.0
M16*1.5

c**UL**us CE RoHS IP68

■ General information

Standard:	IEC 61076-2-109
Ambient temperature:	-25℃~ +90℃
Connector insert:	PA
Connector contacts:	Brass with gold plated
Connector screw/nut:	Brass/Zinc with nickel plated
Seal / O-ring:	FKM/Epoxy resin

Insulation resistance:	≥100MΩ
Contact resistance :	≤10mΩ
Shielding:	Available
IP rating:	IP68 in locked condition
Mating endurance:	>500 cycles

■ Electrical data & Mechanical data

Contacts		Contacts termination	Rated current	Voltage		Part No.
				A/C	D/C	
08 pins		PCB version	0.5A	50V	60V	MB12MBSXFF08ST-2

■ Panel Cut-out Dimensions

With bare hole

With thread to screw in

16 +0.1 -0

13.5 +0.1 -0

1x45°

M16x1.5

1x45°

■ PCB Layout

5.6
2.8
8xΦ1.0
5
4
5.6
2.8
6
3
7
2
8
1
4xΦ1.2
10.0
10.0
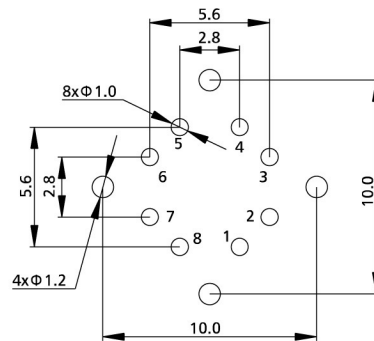
■ Remarks

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