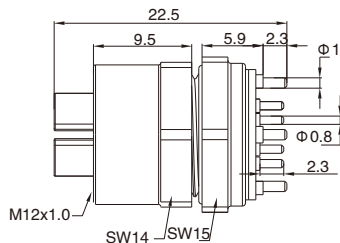# M12 Female Panel Mount, PCB Type, Rear fastened, X-coding, Shielded

- Connector series: M12
- Gender: Female
- Coding: X
- Locking type: Fix screw
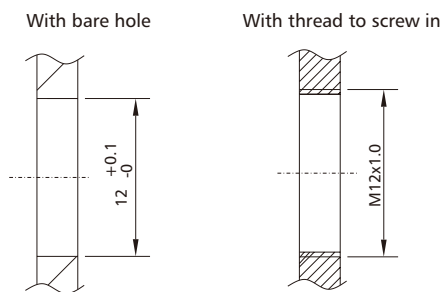- Mounting type: Rear fastened
- Part No.: MB12FBSXFF08ST-0

22.5
9.5
5.9
2.3
Φ1
Φ0.8
2.3
M12x1.0
SW14
SW15

c**UL**us C E **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

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	MB12FBSXFF08ST-0

■ Panel Cut-out Dimensions

With bare hole

12 +0.1 -0

With thread to screw in

M12x1.0

■ PCB Layout

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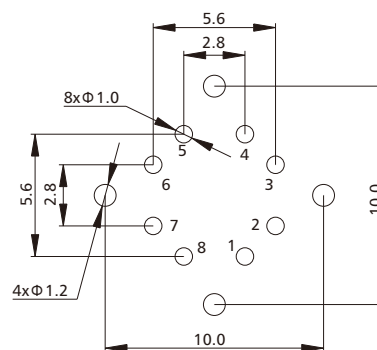
■ Remarks

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

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