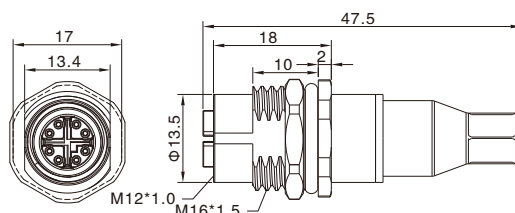# M12 Female Panel, Crimp, Front fastened, X-coding, Shielded

- Connector series: M12
- Gender: Female
- Coding: X
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB12FCSXFF08ST-X

  X refers to Chasis-side thread size

c**UL**us CE **RoHS** IP68

General information

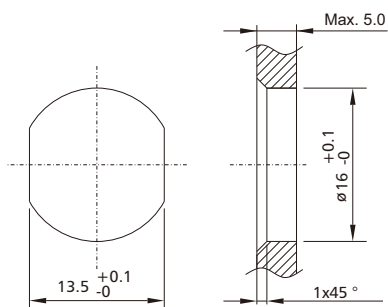|	
Standard:	IEC 61076–2–109
Ambient temperature:	-40℃ ~ +80℃(fixed installation)
	-20℃ ~ +80℃(flexible installation)
Connector insert:	PA / TPU
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Seal / O–ring:	FKM

Insulation resistance:	≥100MΩ
Contact resistance :	≤10mΩ
Shielding:	Available
IP rating:	IP68 in locked condition
Transmission characteristic:	CAT6A / CAT7
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts		Rated current	Voltage		Wire gauge / size		Cable spec	Part No.
			A/C	D/C	AWG	mm²		
08 pins		0.5A	50V	60V	27~24AWG	0.14~0.25	CAT6A/CAT7	MB12FCSXFF08ST-X

Note: *X* refers to Chasis-side thread size

Panel Cut-out Dimensions

Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.