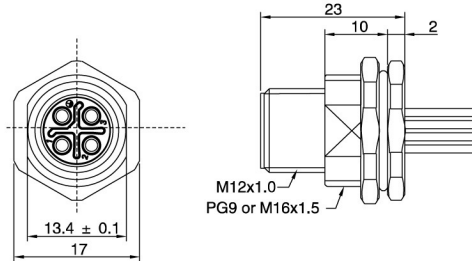# M12 Male Panel Mount, Crimp, Front fastened, S-coding

- Connector series: M12
- Gender: Male
- Coding: S
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB12MCSFF**ST-XXXX

  ** refers to pins number
  X refers to Chasis-side thread size
  XXX refers to cable specification

23
10
2

M12x1.0
PG9 or M16x1.5

13.4 ± 0.1
17

General information

Ambient temperature:	-20℃ ~ +80℃	Insulation resistance:	≥100MΩ
Connector insert:	PA	Contact resistance :	≤5mΩ
Connector contacts:	Brass with gold plated	Shielding:	Unavailable
Connector screw/nut:	Brass with nickel plated	IP rating:	IP68 in locked condition
Seal / O-ring:	Epoxy resin / FKM	Panel cut-out:	Refer to page 287
		Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts		Contacts termination	Rated current	Rated voltage	Wire gauge / size		Wire insulation	Part No.
					AWG	mm²		
04 pins	(3＋PE)	Crimp version	12A(40℃)	630V	16AWG	1.5	PVC wire or customized	MB12MCSFF04ST-X150

Note: X refers to Chasis-side thread size

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.

M12 cables & connectors