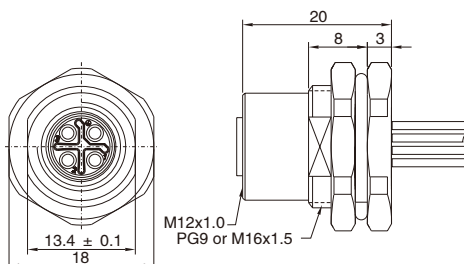


## M12 Female Panel Mount, Crimp, Front fastened, S-coding

- Connector series: M12
- Gender: Female
- Coding: S
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB12FCSFF\*\*ST-XXXX

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




### General information



|                      |                          |
|----------------------|--------------------------|
| Ambient temperature: | -20°C ~ +80°C            |
| Connector insert:    | PA                       |
| Connector contacts:  | Brass with gold plated   |
| Connector screw/nut: | Brass with nickel plated |
| Seal / O-ring:       | Epoxy resin / FKM        |

|                        |                          |
|------------------------|--------------------------|
| Insulation resistance: | ≥ 100MΩ                  |
| Contact resistance :   | ≤ 5mΩ                    |
| Shielding:             | Unavailable              |
| IP rating:             | IP68 in locked condition |
| 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               | mm <sup>2</sup> |                        |                             |
| 04 pins<br><br>(3+PE) | Crimp version        | 12A(40°C)     | 630V          | 16AWG             | 1.5             | PVC wire or customized | MB12FCSFF04ST- <u>X</u> 150 |

Note: X refers to Chassis-side thread size

### Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm<sup>2</sup>.
- Please refer to Page 96 for products' part number encoding rule.