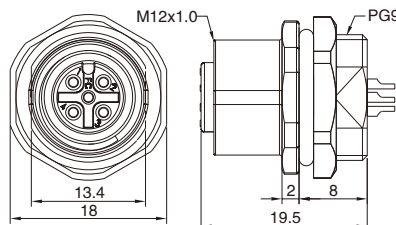


M12 Female Panel Mount, Die-cast Screw, Solder, Rear fastened

- Connector series: M12
- Gender: Female
- Coding: A,B,C,D
- Locking type: Fix screw
- Mounting type: Rear fastened
- Part No.: MB12FS*RHD**ST-3

* refers to coding type
** refers to pins number



General information

| | |
|----------------------|-------------------------------|
| Standard: | IEC 61076-2-101 |
| Ambient temperature: | -25°C ~ +90°C |
| Connector insert: | PA |
| Connector contacts: | Brass with gold plated |
| Connector nut/screw: | Zinc alloy 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 | Available Coding | | | | Contacts termination | Rated current | Voltage | | Wire gauge / size | | Part No. |
|----------|------------------|---|---|---|----------------------|-------------------|---------|------|-------------------------|-----------------------|--|
| | A | B | C | D | | | A/C | D/C | AWG | mm ² | |
| 03 pins | | | | | Solder version | 4A | 250V | 250V | 22AWG | 0.34 | MB12FSARHD03ST-3 MB12FSBRHD03ST-3 MB12FSCRHD03ST-3 |
| 04 pins | | | | | Solder version | 4A | 250V | 250V | 22AWG | 0.34 | MB12FSARHD04ST-3 MB12FSBRHD04ST-3 MB12FSCRHD04ST-3 MB12FSDRHD04ST-3 |
| 05 pins | | | | | Solder version | 4A 2A (C-code) | 60V | 60V | 22AWG 24AWG (C-code) | 0.34 0.25 (C-code) | MB12FSARHD05ST-3 MB12FSBRHD05ST-3 MB12FSCRHD05ST-3 |
| 06 pins | | | | | Solder version | 2A | 30V | 30V | 24AWG | 0.25 | MB12FSCRHD06ST-3 |
| 08 pins | | | | | Solder version | 2A | 30V | 30V | 24AWG | 0.25 | MB12FSARHD08ST-3 |

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.