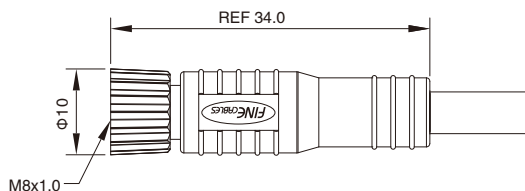


M8 Female Molded Cable, Straight, Plastic Nut

- Connector series: M8
- Gender: Female
- Coding: A,B
- Locking type: Plastic fix screw
- Mounting type: Straight
- Part No.: MA08F*P**STXXXXXX

* refers to coding type
 ** refers to pins number
 X refers to cable specification



General information

| | |
|----------------------|---|
| Standard: | IEC 61076-2-104 |
| Ambient temperature: | -40°C ~ +80°C(fixed installation) -20°C ~ +80°C(flexible installation) |
| Connector insert: | TPU |
| Connector contacts: | Brass with gold plated |
| Connector overmold: | TPU |
| Connector nut/screw: | PA+GF |
| Seal / O-ring: | FKM |

| | |
|------------------------|--------------------------|
| Insulation resistance: | ≥ 100MΩ |
| Contact resistance: | ≤ 5mΩ |
| Shielding: | Unavailable |
| IP rating: | IP67 in locked condition |
| Mating endurance: | >500 cycles |

Electrical data & Mechanical data

| Contacts | Rated current | Voltage | | Wire gauge / size | | Cable jacket | Part No. |
|---------------------------|---------------|---------|-----|-------------------|-----------------|--------------|-------------------|
| | | A/C | D/C | AWG | mm ² | | |
| 03 pins (A-coding) | 3A | 50V | 60V | 24AWG | 0.25 | PVC | MA08FAP03STXXCB25 |
| | | | | | | PUR | MA08FAP03STXXRB25 |
| 04 pins (A-coding) | 3A | 50V | 60V | 24AWG | 0.25 | PVC | MA08FAP04STXXCB25 |
| | | | | | | PUR | MA08FAP04STXXRB25 |
| 05 pins (B-coding) | 3A | 30V | 30V | 24AWG | 0.25 | PVC | MA08FBP05STXXCB25 |
| | | | | | | PUR | MA08FBP05STXXRB25 |
| 06 pins (A-coding) | 1.5A | 30V | 30V | 26AWG | 0.14 | PVC | MA08FAP06STXXCB14 |
| | | | | | | PUR | MA08FAP06STXXRB14 |
| 08 pins (A-coding) | 1.5A | 30V | 30V | 26AWG | 0.14 | PVC | MA08FAP08STXXCB14 |
| | | | | | | PUR | MA08FAP08STXXRB14 |

Note: X refers to cable length

Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 22 for products' part number encoding rule.