

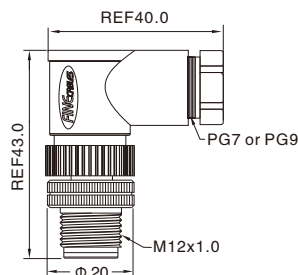
M12 Male Field Wirable Assembly, Angled, Screw joint

- Connector series: M12
- Gender: Male
- Coding: A,B,D
- Locking type: Fix screw
- Mounting type: Right angled
- Part No.: MB12MW*FF**RA-X

* refers to coding type

** refers to pins number

X refers to Cable gland size: 3=PG9, 4=PG7



General information

| | |
|----------------------|-------------------------|
| Standard: | IEC 61076-2-101 |
| Ambient temperature: | -25°C ~ +90°C |
| Connector insert: | TPU |
| Connector contacts: | Brass with gold plated |
| Connector nut/screw: | Aluminum Alloy anodized |
| Connector body: | PA+GF |
| Seal / O-ring: | FKM |

| | |
|------------------------|--------------------------|
| Insulation resistance: | ≥ 100MΩ |
| Contact resistance : | ≤ 5mΩ |
| Shielding: | Unavailable |
| Suitable cable Dia: | PG7:4~6mm / PG9:6~8mm |
| IP rating: | IP68 in locked condition |
| Assembly Instruction: | Refer to page 284 |
| Mating endurance: | >500 cycles |

Electrical data & Mechanical data

| Contacts | Available Coding | | | Contacts termination | Rated current | Voltage | | Wire gauge / size | | Cable jacket | Part No. |
|----------|------------------|---|---|----------------------|---------------|---------|------|-------------------|-----------------|-----------------------|---|
| | A | B | D | | | A/C | D/C | AWG | mm ² | | |
| 03 pins | | | | Screw joint | 4A | 250V | 250V | 22AWG | 0.34 | PUR/PVC or customized | MB12MWAFF03RA-X MB12MWBFF03RA-X |
| 04 pins | | | | Screw joint | 4A | 250V | 250V | 22AWG | 0.34 | PUR/PVC or customized | MB12MWAFF04RA-X MB12MWBFF04RA-X MB12MWCFF04RA-X |
| 05 pins | | | | Screw joint | 4A | 60V | 60V | 22AWG | 0.34 | PUR/PVC or customized | MB12MWAFF05RA-X MB12MWBFF05RA-X |
| 08 pins | | | | Screw joint | 2A | 30V | 30V | 24AWG | 0.25 | PUR/PVC or customized | MB12MWAFF08RA-X |

Note: X refers to Cable gland size: 3=PG9, 4=PG7

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.