



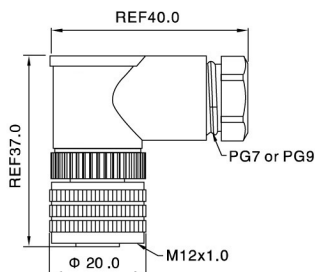
M12 Female Field Wirable Assembly, Angled, Screw joint

- Connector series: M12
- Gender: Female
- Coding: A,B,D
- Locking type: Fix screw
- Mounting type: Right angled
- Part No.: MB12FW*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: $\geq 100M\Omega$

Contact resistance : $\leq 5m\Omega$

Shielding: Unavailable

Suitable cable Dia: PG7:4~6mm / PG9:6~8mm

IP rating: IP68 in locked condition

Assembly Instruction: Refer to page 282

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 | MB12FWAFF03RA-X MB12FWBFF03RA-X |
| 04 pins | | | | Screw joint | 4A | 250V | 250V | 22AWG | 0.34 | PUR/PVC or customized | MB12FWAFF04RA-X MB12FWBFF04RA-X MB12FWCFF04RA-X |
| 05 pins | | | | Screw joint | 4A | 60V | 60V | 22AWG | 0.34 | PUR/PVC or customized | MB12FWAFF05RA-X MB12FWBFF05RA-X |
| 08 pins | | | | Screw joint | 2A | 30V | 30V | 24AWG | 0.25 | PUR/PVC or customized | MB12FWAFF08RA-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.