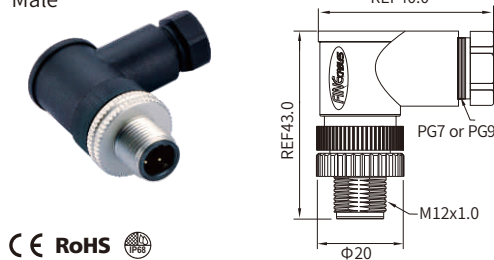


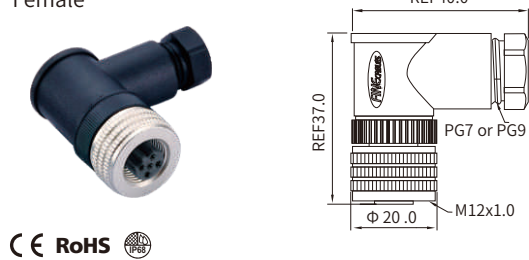
# M12 B-coding (Profibus)

## M12 B-coding Angled Connector, Field Wirable Assembly, Screw joint

Male



Female



### Specifications

| Contacts              | 3                              | 4 | 5         |
|-----------------------|--------------------------------|---|-----------|
| Certification         | UL LISTED CYJV(CYJV7).E321413  |   |           |
| Pin layout(Male)      |                                |   |           |
| Pin layout(Female)    |                                |   |           |
| Standard              | IEC 61076-2-101                |   |           |
| Ambient temperature   | -25°C~+90°C                    |   |           |
| Connector insert      | TPU                            |   |           |
| Connector contacts    | Brass with gold plated         |   |           |
| Connector body        | PA+GF                          |   |           |
| Coupling nut/screw    | Aluminum Alloy anodized        |   |           |
| Seal/O-ring           | FKM                            |   |           |
| Insulation resistance | ≥100MΩ                         |   |           |
| Contact resistance    | ≤5mΩ                           |   |           |
| Shielding             | Unavailable                    |   |           |
| Suitable cable Dia    | PG7: 4~6mm / PG9: 6~8mm        |   |           |
| IP rating             | IP67, IP68 in locked condition |   |           |
| Mating endurance      | >500 cycles                    |   |           |
| Rated current         | 4 A                            |   |           |
| Rated voltage         | 250V AC/DC                     |   | 60V AC/DC |
| Wire gauge            | 0.34mm <sup>2</sup> (AWG22)    |   |           |

### Part Number

| Pins | Male            |                 | Female          |                 |
|------|-----------------|-----------------|-----------------|-----------------|
|      | PG9             | PG7             | PG9             | PG7             |
| 3    | MB12MWBFF03RA-3 | MB12MWBFF03RA-4 | MB12FWBFF03RA-3 | MB12FWBFF03RA-4 |
| 4    | MB12MWBFF04RA-3 | MB12MWBFF04RA-4 | MB12FWBFF04RA-3 | MB12FWBFF04RA-4 |
| 5    | MB12MWBFF05RA-3 | MB12MWBFF05RA-4 | MB12FWBFF05RA-3 | MB12FWBFF05RA-4 |

### Assembly Instruction

