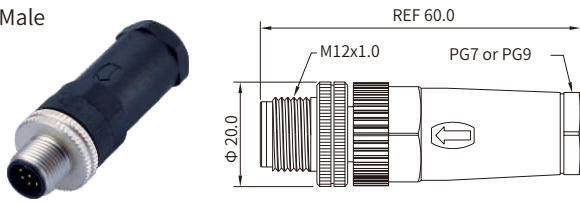


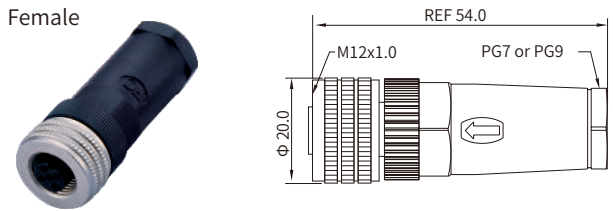
M12 A-coding (Sensor and Actuator)

M12 A-coding Straight Connector, Field Wireable Assembly, Screw joint

Male



Female



Specifications

| Contacts | 3 | 4 | 5 | 8 |
|-----------------------|--------------------------------|-------------------------------|-----------------------------|---|
| 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 | | 2A | |
| Rated voltage | 250V AC/DC | | 60V AC/DC 30V AC/DC | |
| Wire gauge | 0.34mm ² (AWG22) | | 0.25mm ² (AWG24) | |

Part Number

| Pins | Male | | Female | |
|------|-----------------|-----------------|-----------------|-----------------|
| | PG9 | PG7 | PG9 | PG7 |
| 3 | MB12MWAFF03ST-3 | MB12MWAFF03ST-4 | MB12FWAFF03ST-3 | MB12FWAFF03ST-4 |
| 4 | MB12MWAFF04ST-3 | MB12MWAFF04ST-4 | MB12FWAFF04ST-3 | MB12FWAFF04ST-4 |
| 5 | MB12MWAFF05ST-3 | MB12MWAFF05ST-4 | MB12FWAFF05ST-3 | MB12FWAFF05ST-4 |
| 8 | MB12MWAFF08ST-3 | MB12MWAFF08ST-4 | MB12FWAFF08ST-3 | MB12FWAFF08ST-4 |

Assembly Instruction

