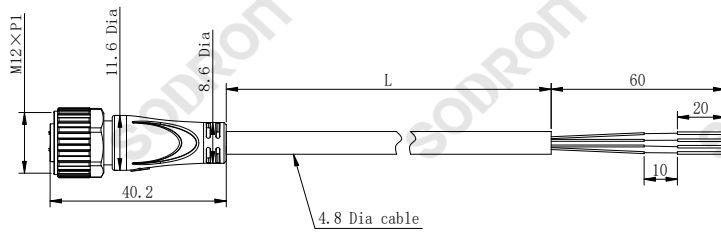


SODRON

CE

Dimension

Note 1: The reserved length at the end of two-core, three-core, four-core, and five-core wires is the same.

Note 2: L is the standard wire length of 2000mm, and different lengths can be customized.

| Model | Technical parameters | | | | |
|------------------|---|--|-------------------------------|-------------------------------------|--|
| M12-□FVR-□-□ | Model | M12-2FVR-□-2 | M12-4FVR-□-3 | M12-4FVR-□ | M12-5FVR-□ |
| | Base pin count | 4-core | 4-core | 4-core | 5-core |
| | Interface type | Female straight connector | | | |
| | Power supply(MAX) | 60V DC | | | |
| | Rated current(MAX) | 1.5A | | | |
| | Clamping torque | Thread: M12×1mm Torque: 0.6 N·m (self-locking) | | | |
| | Sealing nut | M12 (SW13) | | | |
| | Nut material | Zinc alloy, bright nickel-plated | | | |
| | Housing material | TPU | | | |
| | Protection | Tightening male/female connectors: IP67 (IEC) | | | |
| | Mechanical durability | ≥ 100 times | | | |
| | Pin Coding | 1.brown 3.blue | 1.brown 3.blue 4.black | 1.brown2.white3.blue4.black | 1.brown2.white3.blue4.black5.gray |
| | Coding type | A-coded | | | |
| Product Features | <ul style="list-style-type: none"> •Different pin counts meet various application requirements. •0° assembly for reduced space requirement. | | | | |
| Model | Technical parameters | | | | |
| | Model | M12-2FVR-□-2 | M12-4FVR-□-3 | M12-4FVR-□ | M12-5FVR-□ |
| | Base pin count | 4-core | 4-core | 4-core | 5-core |
| | Interface type | Female straight connector | | | |
| | Power supply(MAX) | 60V DC | | | |
| | Rated current(MAX) | 1.5A | | | |
| | Clamping torque | Thread: M12×1mm Torque: 0.6 N·m (self-locking) | | | |
| | Sealing nut | M12 (SW13) | | | |
| | Nut material | Zinc alloy, bright nickel-plated | | | |
| | Housing material | TPU | | | |
| | Protection | Tightening male/female connectors: IP67 (IEC) | | | |
| | Mechanical durability | ≥ 100 times | | | |
| | Pin Coding | 1.brown 3.blue | 1.brown 3.blue 4.black | 1.brown2.white3.blue4.black | 1.brown2.white3.blue4.black5.gray |
| | Coding type | A-coded | | | |
| Connection | General Data | | | | |
| 2-core | Standard | IEC 61076-2-101(M12) | | | |
| | Mounting | Mounting: Male/female plug-in, locking | | | |
| 3-core | Contact pin material | Phosphor bronze | | | |
| | Contact plating | Au | | | |
| 4-core | Seal material | Hydrogenated nitrile rubber | | | |
| | Pollution degree | 3 | | | |
| 5-core | Temperature range | Operating: -25°C ~ 85°C; Storage: -40°C ~ 85°C | | | |
| | Cable Specifications | | | | |
| | Jacket material | PVC | | | |
| | Jacket diameter | φ4.8mm ±0.2 | | | |
| | Insulated cores | PVC 2-core (brown blue) | PVC 3-core (brown blue black) | PVC 4-core (brown white blue black) | PVC 5-core (brown white blue black gray) |
| | Insulation diameter | φ1.2mm ±0.1 | | | |
| | Conductor specification | 0.2mm²(bare copper, stranded 26×0.1mm) | | | |
| | Cable length | 2m(Customizable) | | | |
| | Material compliance | RoHS compliant | | | |