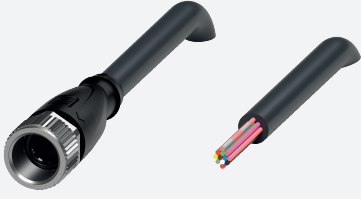


Female cordset

V112-G-15M-PVC

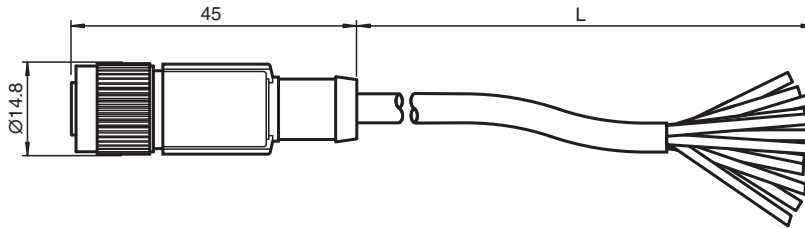


- Degree of protection IP67 / IP68 / IP69
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Female cordset single-ended M12 straight A-coded, 12-pin, PVC cable black



Dimensions



Technical Data

General specifications

| | | | |
|-------------------|--|--|------------------|
| Customization | Stripped length 50 mm , wire end ferrule | | |
| Connector 1 | | | |
| Connection | | | socket |
| Construction type | | | M12 |
| Style | | | straight |
| Locking | | | screw connection |
| Number of pins | | | 12 |
| Coding | | | A-coded |
| Connector 2 | | | |
| Connection | | | cable end |

Electrical specifications

| | | |
|-------------------|-------|-------------|
| Operating voltage | U_B | 30 V |
| Operating current | I_B | 1.5 A |
| Surge protection | | category II |

Conformity

| | |
|----------------------|-------------------------------------|
| Degree of protection | EN 60529 |
| Plug connection | connector M12 x 1 : IEC 61076-2-101 |

Ambient conditions

| | |
|---------------------|----------------------------------|
| Ambient temperature | |
| Plug connector | -28 ... 90 °C (-18.4 ... 194 °F) |
| Cable, fixed | -28 ... 90 °C (-18.4 ... 194 °F) |
| Pollution degree | 3 |

Mechanical specifications

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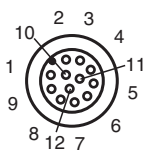
Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Technical Data

| | | |
|----------------------|---|---|
| Plug connector | | |
| Tightening torque | | 0.4 Nm |
| Tool installation | | straight knurling |
| Mating cycles | | min. 100 |
| Degree of protection | | IP65/IP67/IP68 |
| Cable | | |
| Sheath diameter | | 7.2 mm |
| Bending radius | | 54 mm |
| Sheath color | | black (similar to RAL 9005) |
| Number of cores | | 12 |
| Core cross section | | 0.14 mm ² |
| Cores color | | Core 1: brown Core 2: blue Core 3: white Core 4: green Core 5: pink Core 6: yellow Core 7: black Core 8: grey Core 9: red Core 10: violet Core 11: grey/pink Core 12: red/blue |
| Core construction | | 18 x 0.1 mm |
| Length | L | 15 m |




| | | |
|------------------|--|-----------------------------|
| Material | | |
| Plug connector | | |
| Screw connection | | Zinc diecast, nickel-plated |
| Body | | TPU, black |
| Seal | | NBR |
| Contact surface | | Ni/Au |
| Flammability | | HB |
| Cable | | |
| Sheathing | | PVC |
| Core insulation | | PVC |
| Flammability | | flame-resistant |

Connection







| | | |
|------|-------|------|
| 1 ) | ..... | BN |
| 2 ) | ..... | BU |
| 3 ) | ..... | WH |
| 4 ) | ..... | GN |
| 5 ) | ..... | PK |
| 6 ) | ..... | YE |
| 7 ) | ..... | BK |
| 8 ) | ..... | GY |
| 9 ) | ..... | RD |
| 10 ) | ..... | VT |
| 11 ) | ..... | GYPK |
| 12 ) | ..... | RDBU |

Accessories

| | | |
|---|--------------------------|-----------------------------|
|  | MH V1-SCREWDRIVER | Torque screwdriver (0.6 Nm) |
|  | MH V1-BIT M12 | plug-in cap M12 |
|  | V1/V3-LABELHOLDER | Label holder |

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Accessories

| | | |
|---|------------------------------|--|
|  | V1/V3-LABEL | Label plate |
|  | MH V1-Holder | Modular universal holder for M12 connectors |
|  | V1-CLIP | Unlocking protector for M12 connector |
|  | V1-MARKING-RING-COLOR | Marking rings for M12 connectors, various colors |