

Model Number

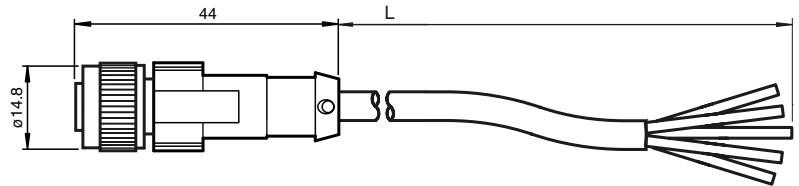
V125-G-YE2M-PVC

Female cordset, M12, 5-pin, PVC cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Protection degree IP67 / IP68 / IP69K
- Suitable for 2-, 3- and 4-wire technology

Dimensions



Technical data

General specifications

| | |
|---------------------|-----------|
| Number of pins | 5 |
| Connection 1 | socket |
| Construction type 1 | straight |
| Threading 1 | 1/2" |
| Connection 2 | cable end |

Electrical specifications

| | | |
|-------------------|-------|----------------------------|
| Operating voltage | U_B | max. 125 V AC/DC |
| Test voltage | | > 1500 V _{eff} AC |
| Operating current | | max. 4 A |
| Volume resistance | | < 5 mΩ |

Ambient conditions

| | |
|---------------------|---------------------------------|
| Ambient temperature | -25 ... 105 °C (-13 ... 221 °F) |
| Pollution Degree | 3 |

Mechanical specifications

| | |
|-------------------|---------------------------|
| Pin diameter | 1 mm |
| Protection degree | IP68 / IP69K |
| Connection | 1/2" UNF socket, straight |

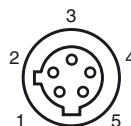
Material

| | |
|------------------|---------------------------|
| Contacts | CuSn |
| Contact surface | Ni/Au |
| Body | TPU , yellow |
| Cable | PVC |
| Slotted nut | brass, nickel-plated |
| Core insulation | PVC |
| Cable | fine-strand, flexible |
| Sheath diameter | Ø 5.9 mm |
| Bending radius | 10 x cable Diameter: |
| Color | yellow |
| Cores | 5 x 0.34 mm ² |
| Length | L |
| Flammability | |
| Contact material | 94 V-2 |
| Housing | 94 V-2 |
| Cable | VW-1 flame rating from UL |

Approvals and certificates

| | |
|-------------|-------------------------------|
| UL approval | cULus Listed, General Purpose |
|-------------|-------------------------------|

Electrical connection



| | |
|---|-------|
| 1 | RD/WH |
| 2 | RD |
| 3 | GN |
| 4 | RD/YE |
| 5 | RD/BK |