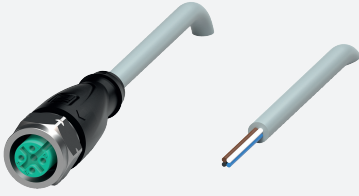


Female cordset

V1-GV4A-15M-PVC

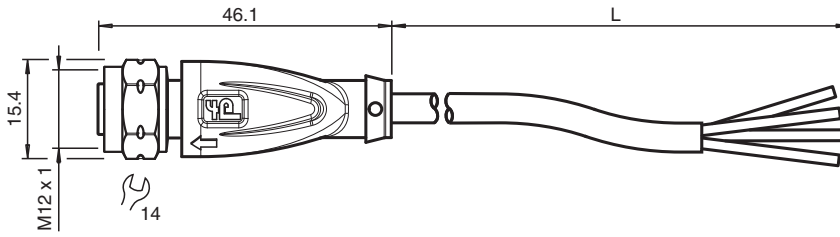


- Degree of protection IP68 / IP69
- Screw connection stainless steel
- Specific design protects against loosening and inaccurate installation

Female cordset single-ended M12 straight stainless steel 1.4404, A-coded, 4-pin, PVC cable grey



Dimensions



Technical Data

General specifications

| | | |
|--------------------|--|------------------|
| Connector 1 | | |
| Connection | | socket |
| Construction type | | M12 |
| Style | | straight |
| Locking | | screw connection |
| Number of pins | | 4 |
| Coding | | A-coded |
| Connector 2 | | |
| Connection | | cable end |

Electrical specifications

| | | |
|-------------------|-------|------------------|
| Operating voltage | U_B | max. 250 V AC/DC |
| Operating current | I_B | max. 4 A |

Conformity

| | | |
|----------------------|--|-------------------------------------|
| Degree of protection | | EN 60529 |
| Plug connection | | connector M12 x 1 : IEC 61076-2-101 |
| Flammability | | IEC 60332-2-2 |

Ambient conditions

| | | |
|----------------------------|--|--------------------------------|
| Ambient temperature | | |
| Plug connector | | -40 ... 90 °C (-40 ... 194 °F) |
| Cable, fixed installation | | -25 ... 70 °C (-13 ... 158 °F) |
| Cable, flexing | | -5 ... 70 °C (23 ... 158 °F) |
| Pollution degree | | 3 |

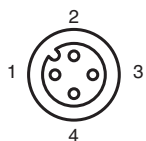
Mechanical specifications

Release date: 2025-05-28 Date of issue: 2025-05-28 Filename: 240006-100001_eng.pdf

Technical Data

| | | |
|------------------------|---|---|
| Plug connector | | |
| Tightening torque | | 0.6 Nm |
| Loosening protection | | available |
| Tool installation | | hexagon nut SW = 14 mm |
| Mating cycles | | min. 100 |
| Degree of protection | | IP68 / IP69 |
| Cable | | |
| Sheath diameter | | 4.8 mm |
| Bending radius | | > 10 x cable diameter, movable installation |
| Sheath stripping force | | max. 80 N / 300 mm |
| Sheath color | | grey (similar to RAL 7001) |
| Number of cores | | 4 |
| Core cross section | | 0.34 mm ² |
| Cores color | | Core 1: brown Core 2: white Core 3: blue Core 4: black |
| Core construction | | 19 x 0.15 mm Ø |
| Length | L | 15 m |
| Cable code | | Li Y YM 4 x 0,34 |
| Mass | | 533.5 g |
| Material | | |
| Plug connector | | |
| Screw connection | | Stainless steel 1.4404 / AISI 316L |
| Body | | TPU, black |
| Seal | | FKM |
| Contact surface | | gold plated (Au) |
| Flammability | | V-2 |
| Cable | | |
| Sheathing | | PVC |
| Core insulation | | PVC |
| Flammability | | flame-resistant |

Connection Assignment



| | | |
|-----|-------|----|
| 1) | | BN |
| 2) | | WH |
| 3) | | BU |
| 4) | | BK |