



Model Number

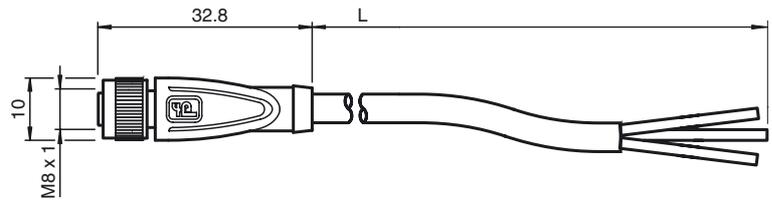
V3-GM-BK5M-PVC-U

Female cordset single-ended, M8, 3-pin, PVC cable

Features

- Raw cable with cURus approval
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Suitable for 2- and 3-wire technology

Dimensions



Technical data

General specifications

| | |
|---------------------|-----------|
| Number of pins | 3 |
| Connection 1 | socket |
| Construction type 1 | straight |
| Threading 1 | M8 |
| Connection 2 | cable end |

Electrical specifications

| | | |
|-------------------|-------|------------------------|
| Operating voltage | U_B | max. 48 V AC / 60 V DC |
| Operating current | I_B | max. 4 A |
| Volume resistance | | < 5 m Ω |

Ambient conditions

| | |
|---------------------|--|
| Ambient temperature | -25 ... 100 °C (-13 ... 212 °F) for temperatures over 80 °C (176 °F) reduced elongation at tear |
| Pollution degree | 3 |

Mechanical specifications

| | |
|----------------------|------------------------------|
| Contact elements | spring-loaded contact socket |
| Pin diameter | 1 mm |
| Degree of protection | IP67 |

Material

| | |
|------------------------|-------------------------------|
| Contacts | CuSn / Au |
| Contact surface | Au |
| Body | TPU, green |
| Cable | PVC |
| Slotted nut | Diecast zinc |
| Core insulation | PVC |
| Cable | fine-strand, flexible |
| Sheath diameter | \varnothing 4.3 mm |
| Bending radius | > 10 x cable diameter, moving |
| Color | black |
| Cores | 3 x 0.34 mm ² |
| Conductor construction | 19 x 0.15 mm \varnothing |
| Length | L 5 m |

Flammability

| | |
|-----------------|--------|
| Contact carrier | 94 V-2 |
| Housing | 94 V-2 |

Compliance with standards and directives

| | |
|---------------------|------------------------------------|
| Standard conformity | |
| Specification | connector M8 x 1 : IEC 61076-2-104 |

Approvals and certificates

| | |
|-------------|---|
| UL approval | cURus AWM 2095 AWM I/II A/B 80°C 300V FT1 (cable) |
|-------------|---|

Electrical connection

