



Model Number

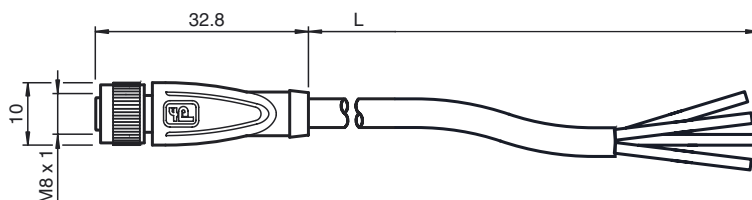
V31-GM-BK2M-PVC-U

Female cordset, M8, 4-pin, PVC cable

Features

- UL Recognized Component
- Raw cable with cURus approval
- Knurled nut suitable for tool assembly
- Gold plated contacts

Dimensions



Technical data

General specifications

| | |
|---------------------|-----------|
| Number of pins | 4 |
| Connection 1 | socket |
| Construction type 1 | straight |
| Threading 1 | M8 |
| Connection 2 | cable end |
| UL File Number | E231213 |

Electrical specifications

| | | |
|-------------------|-------|----------------------------|
| Operating voltage | U_B | max. 30 V DC |
| Test voltage | | > 1500 V _{eff} AC |
| Operating current | | max. 4 A |
| Volume resistance | | < 5 mΩ |

Ambient conditions

| | |
|---------------------|--|
| Ambient temperature | cable, fixed: -25 ... 80 °C (-13 ... 176 °F) cable, flexing: -5 ... 80 °C (23 ... 176 °F) |
| 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, black |
| Cable | PVC |
| Slotted nut | Diecast zinc |
| Core insulation | PVC |
| Cable | fine-strand, flexible |
| Sheath diameter | Ø 4.3 mm |
| Bending radius | > 15 x cable diameter, induced > 5 x cable diameter, fixed |
| Color | black |
| Cores | 4 x 0.34 mm ² |
| Conductor construction | 19 x 0.15 mm Ø |
| Length | L 2 m |

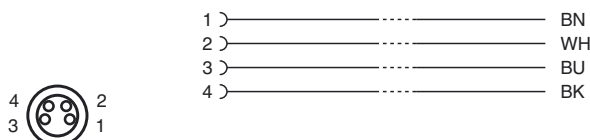
Compliance with standards and directives

| | |
|----------------------|----------------------|
| Standard conformity | |
| Degree of protection | EN 60529:2000 |
| Standards | IEC 61076-2-104:2008 |
| Flammability | Grip: UL 94 |

Approvals and certificates

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

Electrical connection



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