



Model Number

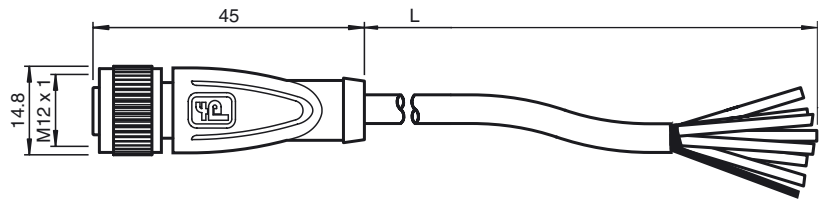
V19-G-BK5M-PUR-U/ABG

Female cordset, M12, 8-pin, shielded, PUR cable

Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Flame resistant cable
- Halogen-free
- Shield attached to coupling nut

Dimensions



Technical data

General specifications

| | |
|----------------|------------|
| Number of pins | 8 + shield |
| UL File Number | E231213 |

Electrical specifications

| | | |
|-------------------|-------|----------------|
| Operating voltage | U_B | max. 30 V DC |
| Operating current | I_B | max. 2 A |
| Volume resistance | | < 5 m Ω |

Ambient conditions

| | |
|---------------------|---|
| Ambient temperature | -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -20 ... 80 °C (-4 ... 176 °F) |
|---------------------|---|

| | |
|------------------|---|
| Pollution degree | 3 |
|------------------|---|

Mechanical specifications

| | |
|----------------------|------------------------------|
| Contact elements | spring-loaded contact socket |
| Pin diameter | 0,8 mm |
| Degree of protection | IP67 |

Material

| | |
|-----------------|--------------|
| Contacts | CuSn / Au |
| Contact surface | Au |
| Body | TPU, black |
| Cable | PUR |
| Slotted nut | Diecast zinc |
| Core insulation | PP |

Cable fine-strand, flexible

| | |
|------------------------|-------------------------------|
| Sheath diameter | \varnothing 6 mm |
| Bending radius | > 10 x cable diameter, moving |
| Color | black |
| Number of cores | 8 |
| Core cross-section | 0.25 mm ² |
| Conductor construction | 14 x 0.15 mm \varnothing |
| Shield | grid covering 85 % |
| Length | L 5 m |

Flammability

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

Approvals and certificates

| | |
|-------------|--|
| UL approval | cURus AWM 20549 AWM I/II A/B 80°C 300V FT2 (cable) |
|-------------|--|

Electrical connection

