

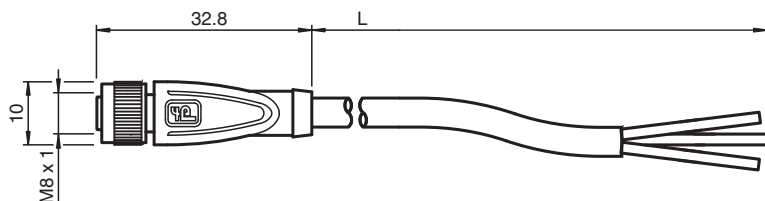
Female cordset V3-GM-E2-BK2M-PVC-U

- Built-in LED, as operating and function indicator
- Degree of protection IP67
- cURus approval
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Female cordset single-ended M8 straight A-coded, LED 3-pin, PVC cable black, UL approved



Dimensions



Technical Data

General specifications

| | | | |
|-----------------------------------|-------|----------------------------|--|
| Connector 1 | | | |
| Connection | | socket | |
| Construction type | | M8 | |
| Style | | straight | |
| Locking | | screw connection | |
| Number of pins | | 3 | |
| Coding | | A-coded | |
| Connector 2 | | | |
| Connection | | cable end | |
| UL File Number | | E231213 | |
| Indicators/operating means | | | |
| LED green | | Operating display | |
| LED yellow | | Functional display pin 4 | |
| Electrical specifications | | | |
| Operating voltage | U_B | max. 24 V DC -20 % / +25 % | |
| Operating current | I_B | max. 3 A | |

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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 PEPPERL+FUCHS

Technical Data

| Conformity | |
|----------------------------|--|
| Degree of protection | EN 60529 |
| Plug connection | connector M8 x 1 : IEC 61076-2-104 |
| Flammability | UL 1581 , IEC 60332-1-2 |
| Approvals and certificates | |
| UL approval | AWM STYLE 2095 AWM I/II A/B 80°C 300V FT1 (cable) |
| Ambient conditions | |
| Ambient temperature | |
| Plug connector | -40 ... 90 °C (-40 ... 194 °F) |
| Cable, fixed | -25 ... 80 °C (-13 ... 176 °F) |
| Cable, flexing | -5 ... 80 °C (23 ... 176 °F) |
| Pollution degree | 3 |
| Mechanical specifications | |
| Plug connector | |
| Tightening torque | 0.4 Nm |
| Loosening protection | available |
| Tool installation | straight knurling |
| Mating cycles | min. 100 |
| Degree of protection | IP67 |
| Cable | according to IEC/EN 60228 (DIN VDE 0295) class 5 |
| Sheath diameter | 4.3 mm |
| Bending radius | > 15 x cable diameter, moving > 5 x cable diameter, fixed |
| Sheath stripping force | max. 50 N / 300 mm |
| Sheath color | black (similar to RAL 9005) |
| Number of cores | 3 |
| Core cross-section | 0.34 mm ² |
| Cores color | Core 1: brown Core 3: blue Core 4: black |
| Core construction | 19 x 0.15 mm Ø |
| Length | L 2 m |
| Cable code | Li YY 3 x 0,34 |
| Material | |
| Plug connector | |
| Screw connection | Zinc diecast, nickel-plated |
| Body | TPU, transparent |
| Contact surface | Au |
| Flammability | V-2 |
| Cable | |
| Sheathing | PVC |
| Core insulation | PVC |
| Flammability | FT1 |

Connection Assignment

