



Model Number

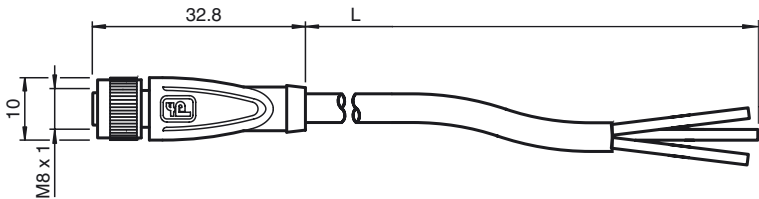
V3-GM-YE10M-PVC-U

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

Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Flame resistant cable

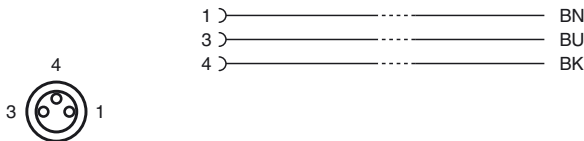
Dimensions



Technical data

|                                          |                |                                                                                                                                      |
|------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------|
| General specifications                   |                |                                                                                                                                      |
| Number of pins                           |                | 3                                                                                                                                    |
| Connection 1                             |                | socket                                                                                                                               |
| Construction type 1                      |                | straight                                                                                                                             |
| Threading 1                              |                | M8                                                                                                                                   |
| Connection 2                             |                | cable end                                                                                                                            |
| UL File Number                           |                | E231213                                                                                                                              |
| Electrical specifications                |                |                                                                                                                                      |
| Operating voltage                        | U <sub>B</sub> | max. 48 V AC / 60 V DC                                                                                                               |
| Operating current                        | I <sub>B</sub> | max. 3 A                                                                                                                             |
| Volume resistance                        |                | < 5 mΩ                                                                                                                               |
| Ambient conditions                       |                |                                                                                                                                      |
| Ambient temperature                      |                | Body: -40 ... 90 °C (-40 ... 194 °F)<br>cable, fixed: -25 ... 80 °C (-13 ... 176 °F)<br>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                                    |                |                                                                                                                                      |
| Sheath diameter                          |                | Ø 4.3 mm                                                                                                                             |
| Bending radius                           |                | > 15 x cable diameter, moving<br>> 5 x cable diameter, fixed                                                                         |
| Color                                    |                | yellow                                                                                                                               |
| Cores                                    |                | 3 x 0.34 mm <sup>2</sup>                                                                                                             |
| Conductor construction                   |                | 19 x 0.15 mm Ø                                                                                                                       |
| Length                                   | L              | 10 m                                                                                                                                 |
| Flammability                             |                |                                                                                                                                      |
| Contact carrier                          |                | HB                                                                                                                                   |
| Housing                                  |                | V-2                                                                                                                                  |
| Cable                                    |                | FT1                                                                                                                                  |
| Compliance with standards and directives |                |                                                                                                                                      |
| Standard conformity                      |                |                                                                                                                                      |
| Degree of protection                     |                | EN 60529:2000                                                                                                                        |

Electrical connection



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|               |                                                               |
|---------------|---------------------------------------------------------------|
| Flammability  | Body: UL 94<br>Line: UL 1581 Section 1061; IEC 60332-1-2:2004 |
| Specification | connector M8 x 1 : IEC 61076-2-104                            |

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