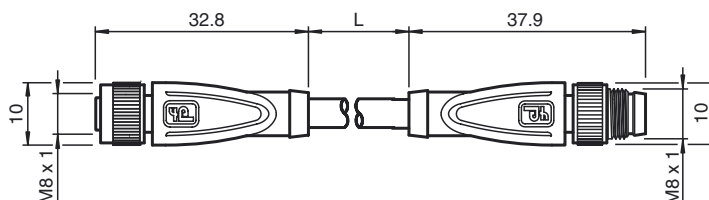




Dimensions



Model Number

V31-GM-3M-PVC-V31-GM

Double-ended cordset, M8 to M8, PVC cable, 4-pin

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts

Technical data

General specifications

Number of pins 4

Electrical specifications

Operating voltage U_B max. 30 V AC/DC
 Operating current I_B max. 3 A
 Contact resistance < 10 mΩ

Ambient conditions

Ambient temperature Body: -40 ... 90 °C (-40 ... 194 °F)
 cable, fixed: -40 ... 70 °C (-40 ... 158 °F)
 cable, flexing: -5 ... 70 °C (23 ... 158 °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
 Sleeve connector Diecast zinc
 Core insulation PVC
 Cable fine-strand, flexible
 Sheath diameter Ø 4.3 mm
 Bending radius > 15 x cable diameter, induced
 > 10 x cable diameter, fixed

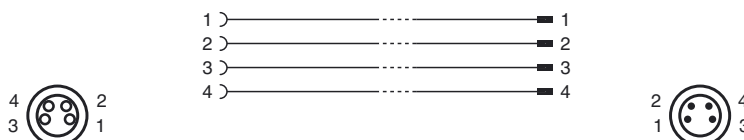
Color grey
 Cores 4 x 0.25 mm²
 Conductor construction 14 x 0.15 mm Ø
 Length L 3 m

Flammability
 Contact material 94 HB
 Housing 94 V-2

Compliance with standards and directives

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

Electrical connection



Release date: 2014-11-13 11:36 Date of issue: 2014-11-28 235687_eng.xml