Model Number
V3-GM-2M-PVC
Female cordset, M8, 3-pin, PVC cable

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

Technical data

General specifications
- Number of pins: 3
- Connection 1: female connector
- Construction type 1: straight
- Threading 1: M8
- Connection 2: cable end

Electrical specifications
- Operating voltage: $U_B \leq 60$ V AC/DC
- Operating current: max. 3 A
- Volume resistance: $< 5 \, \Omega$

Ambient conditions
- Ambient temperature: Body: $-40 \ldots 90$ °C ($-40 \ldots 194$ °F)
- Cable, fixed: $-25 \ldots 70$ °C ($-13 \ldots 158$ °F)
- Cable, flexing: $-5 \ldots 70$ °C ($23 \ldots 158$ °F)
- Pollution Degree: 3

Mechanical specifications
- Contact elements: spring-loaded contact socket
- Pin diameter: 1 mm
- Protection degree: 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: $> 15 \times$ cable diameter, induced
  $> 10 \times$ cable diameter, fixed
- Color: grey
- Cores: $3 \times 0.25 \, \text{mm}^2$
- Conductor construction: $14 \times 0.15 \, \text{mm} \varnothing$
- Length: $L = 2 \, \text{m}$
- Flammability
  - Contact material: HB
  - Housing: V-2

Compliance with standards and directives
- Standard conformity: EN 60529:2000
- Flammability: Grip: UL 94

Electrical connection
1. BN
2. BU
3. BK