Model Number

V15-G-5M-PVC
Cable socket, M12, 5-pin, PVC cable

Features
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Protection degree IP67 / IP68 / IP69K
- Suitable for 2-, 3- and 4-wire technology

Dimensions

Technical data

General specifications
- Number of poles: 5
- Connection 1: Connector, female
- Construction type 1: straight
- Threading 1: M12
- Connection 2: free cable end

Electrical specifications
- Operating voltage: $U_a$ max. 60 V DC
- Test voltage: > 1500 V eff AC
- Operating current: max. 4 A
- Volume resistance: < 5 mΩ

Ambient conditions
- Ambient temperature: -25 ... 100 °C (248 ... 373 K) for temperatures over 80 °C (353 K) reduced elongation at tear
- Degree of soiling: 3

Mechanical specifications
- Contact elements: spring-loaded contact socket
- pin diameter: 1 mm
- Protection degree: IP67 / IP68 / IP69K
- Material:
  - Contacts: CuSn / Au
  - Contact surface: Au
  - Handle: TPU, green
  - Cable: PVC
  - Slotted nut: diecast zinc
  - Core isolation: PVC
  - Cable: fine-strand, flexible
  - Sheath diameter: Ø4.8 mm
  - Bend radius: > 10 x conductor diameter, appropriate for conveyor chains
  - Colour: grey
  - Cores: 5 x 0.34 mm²
  - Conductor construction: 19 x 0.15 mm Ø
  - Length: L 5 m
- Flammability:
  - Contact material: 94 V-2
  - Housing: 94 V-2

Electrical connection 1

Subject to reasonable modifications due to technical advances.
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