



## Connecting cable NEBU- M8G4-K-2.5-LE4 541342

URL:<https://www.sxplc.com/connecting-cable-nebu-m8g4-k-2-5-le4-541342>

### Product data sheet

- **Conforms to standard** Wire colors and connection numbers as per EN 60947-5-2 EN 61076-2-104
- **Explosion prevention and protection** Observe the information on the certificate Zone 2 (ATEX) Zone 22 (ATEX)
- **Cable designation** With 2x label holders
- **Product weight** 72 g
- **Electrical connection 1, function** Field device end
- **Electrical connection 1, design** Round
- **Electrical connection 1, connection type** Socket
- **Electrical connection 1, cable outlet** Straight
- **Electrical connection 1, connection technology** M8x1 A-coded as per EN 61076-2-104
- **Electrical connection 1, number of pins/wires** 4
- **Electrical connection 1, occupied pins/wires** 4

- **Electrical connection 1, type of mounting**Screw-type lock
- **Electrical connection for input 1, connection pattern**00991872
- **Electrical connection 2, function**Control side
- **Electrical connection 2, connection type**Cable
- **Electrical connection 2, connection technology**Open end
- **Electrical connection 2, number of pins/wires**4
- **Electrical connection 2, occupied pins/wires**4
- **DC operating voltage range**0 V ... 30 V
- **Operating voltage range AC**0 V ... 30 V
- **Current rating at 40° C**3 A
- **Surge resistance**0.8 kV
- **Cable length**2.5 m
- **Cable characteristic**Standard
- **Connector cable test conditions**Flexural strength: as per Festo standard Test conditions on request Energy chain > 5 million cycles, bending radius 75 mm
- **Bending radius, fixed cable installation**14 mm
- **Bending radius, flexible cable installation**46 mm
- **Cable diameter**4.5 mm
- **Cable diameter tolerance** $\pm 0.1$  mm
- **Cable design**4 x 0.25 mm<sup>2</sup>
- **Nominal conductor cross section**0.25 mm<sup>2</sup>
- **Degree of protection**IP65 IP68 IP69K

- **Note on degree of protection**In mounted state
- **Special features**Oil-resistant
- **Ambient temperature**-25 °C ... 70 °C
- **Ambient temperature with flexible cable installation**-5 °C ... 70 °C
- **CE marking (see declaration of conformity)**As per EU RoHS directive
- **UKCA marking (see declaration of conformity)**To UK RoHS instructions
- **LABS (PWIS) conformity**VDMA24364-B2-L
- **Note on materials**RoHS-compliant Halogen-free Free of phosphoric acid ester
- **Contamination level**3
- **Corrosion resistance class (CRC)**2 - Moderate corrosion stress
- **Material of cable sheath**TPE-U(PUR)
- **Color cable sheath**Gray
- **Housing material**TPE-U(PUR)
- **Housing colour**Black
- **Material of screw-type lock**Brass, nickel-plated
- **Seals material**NBR
- **Material of pin contacts**Copper alloy, gold-plated
- **Insulating sheath material**PP

