



Connecting cable **NEBU-** **M8G4-K-2.5-LE4**

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

Product data sheet

- **Conforms to standard** Wire colours and connection numbers to EN 60947-5-2 EN 61076-2-104
- **Explosion protection** The information in the certificate must be observed! Zone 2 (ATEX) Zone 22 (ATEX)
- **Cable designation** With 2x inscription label holders
- **Product weight** 72 g
- **Electrical connection 1, function** Field device side
- **Electrical connection 1, design** Round
- **Electrical connection 1, connection type** Socket
- **Electrical connection 1, cable outlet** Straight
- **Electrical connection 1, connector system** M8x1, A-coded, to EN 61076-2-104
- **Electrical connection 1, number of connections/cores** 4
- **Electrical connection 1, used connections/cores** 4

- **Electrical connection 1, type of mounting**Screw-type lock
- **Electrical connection 1, connection pattern**00991872
- **Electrical connection 2, function**Controller side
- **Electrical connection 2, connection type**Cable
- **Electrical connection 2, connector system**Open end
- **Electrical connection 2, number of connections/cores**4
- **Electrical connection 2, used connections/cores**4
- **Operational voltage range DC**0 V ... 30 V
- **Operational voltage range AC**0 V ... 30 V
- **Current rating at 40° C**3 A
- **Immunity to surge**0.8 kV
- **Cable length**2.5 m
- **Cable characteristic**Standard
- **Test conditions cable**Bending strength: to Festo standard Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm
- **Bending radius, fixed cable**14 mm
- **Bending radius, moving cable**46 mm
- **Cable diameter**4.5 mm
- **Cable diameter tolerance** ± 0.1 mm
- **Cable structure**4 x 0.25 mm²
- **Nominal cross section conductor**0.25 mm²
- **Degree of protection**IP65 IP68 IP69K

- **Note on degree of protection**In assembled state
- **Special characteristics**Oil resistant
- **Ambient temperature**-25 °C ... 70 °C
- **Ambient temperature with moving cable**-5 °C ... 70 °C
- **CE mark (see declaration of conformity)**In accordance with EU
RoHS Directive
- **CE marking (see declaration of conformity)**To UK RoHS instructions
- **LABS (PWIS) conformity**VDMA24364-B2-L
- **Note on materials**RoHS-compliant Free of halogen Free of phosphoric
acid ester
- **Pollution degree**3
- **Corrosion resistance class** CRC2 - Moderate corrosion stress
- **Material cable sheath**TPE-U(PUR)
- **Cable sheath colour**grey
- **Material housing**TPE-U(PUR)
- **Housing colour**Black
- **Material screw-type lock**Nickel-plated brass
- **Material seals**NBR
- **Material electrical contact**Gold-plated copper alloy
- **Material insulating sheath**PP

