

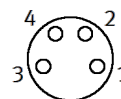
Connecting cable

NEBU-M8G4-K-2.5-LE4

Part number: 541342

FESTO

for proximity sensors, position transmitter, pressure switch, flow sensors, visual and inductive sensors.



Data sheet

| Feature | Value |
|--|--|
| Conforms to standard | Core colours and connection numbers to EN 60947-5-2 EN 61076-2-104 |
| Cable identification | with 2x label holders |
| Product weight | 72 g |
| Electrical connection 1, function | Field device side |
| Electrical connection 1, design | Round |
| Electrical connection 1, connection type | Plug socket |
| Electrical connection 1, cable outlet | Straight |
| Electrical connection 1, connection technology | M8x1, A-coded to 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 lock |
| Electrical connection 2, function | Controller 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 |
| Operating voltage range DC | 0 ... 30 V |
| Operating voltage range AC | 0 ... 30 V |
| Acceptable current load at 40°C | 3 A |
| Surge strength | 0.8 kV |
| Cable length | 2.5 m |
| Cable attribute | Standard |
| Test conditions of cable | Bending strength according to 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 | ± 0,1 mm |
| Cable structure | 4x0,25 |
| Nominal conductor cross-section | 0.25 mm ² |
| Protection class | IP65 IP68 IP69K |
| Note on degree of protection | in assembled condition |
| Special characteristics | Oil resistant |
| Ambient temperature | -25 ... 70 °C |
| Ambient temperature with flexible cable installation | -5 ... 70 °C |
| CE symbol (see declaration of conformity) | in accordance with EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions |
| PWIS conformity | VDMA24364-B2-L |
| Materials note | Conforms to RoHS |

| Feature | Value |
|---|---|
| | Halogen-free Free of phosphoric acid ester |
| Degree of contamination | 3 |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| Material cable sheath | TPE-U(PUR) |
| Cable sheath color | Grey |
| Material housing | TPE-U(PUR) |
| Housing color | Black |
| Material screw-type lock | Nickel-plated brass |
| Material seals | NBR |
| Material electrical contact | Gold-plated copper alloy |
| Material insulation | PP |