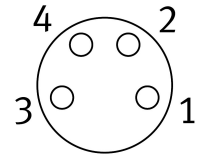


# Connecting cable NEBL-M8G4-E-15-N-LE4

Part number: 8065121

**FESTO**



## Data sheet

| Feature                                        | Value                                                                         |
|------------------------------------------------|-------------------------------------------------------------------------------|
| Conforms to standard                           | EN 61076-2-104                                                                |
| Certification                                  | c UL us - Listed (OL)                                                         |
| Explosion prevention and protection            | Observe the information on the certificate<br>Zone 2 (ATEX)<br>Zone 22 (ATEX) |
| Certificate issuing authority                  | UL E253748                                                                    |
| Cable designation                              | Without label holder                                                          |
| Product weight                                 | 528 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, 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 with hexagon AF 9 and longitudinal knurl                      |
| 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                                                                    |
| Nominal operating voltage DC                   | 24 V                                                                          |
| Operating voltage range AC                     | 0 V...30 V                                                                    |
| Nominal operating voltage AC                   | 24 V                                                                          |
| Current rating at 40° C                        | 5.2 A                                                                         |
| Surge resistance                               | 0.8 kV                                                                        |
| Protective earth connection                    | Not available                                                                 |
| Shield                                         | No                                                                            |
| Cable length                                   | 15 m                                                                          |

| Feature                                              | Value                          |
|------------------------------------------------------|--------------------------------|
| Cable characteristic                                 | Suitable for energy chains     |
| Connector cable test conditions                      | Test conditions on request     |
| Bending radius, fixed cable installation             | 15 mm                          |
| Bending radius, flexible cable installation          | 50 mm                          |
| Cable diameter                                       | 4.8 mm                         |
| Cable diameter tolerance                             | ± 0.15 mm                      |
| Cable design                                         | 4 x 0.5 mm <sup>2</sup>        |
| Nominal conductor cross section                      | 0.5 mm <sup>2</sup>            |
| Wire ends                                            | Stripped<br>Cut off bluntly    |
| Degree of protection                                 | IP65<br>IP67<br>IP69K          |
| Note on degree of protection                         | In mounted state               |
| Special features                                     | Oil-resistant                  |
| Ambient temperature                                  | -40 °C...90 °C                 |
| Ambient temperature with flexible cable installation | -20 °C...90 °C                 |
| Storage temperature                                  | -40 °C...90 °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<br>Halogen-free |
| Contamination level                                  | 3                              |
| Corrosion resistance class (CRC)                     | 2 - Moderate corrosion stress  |
| Material of cable sheath                             | TPE-U(PUR)                     |
| Color cable sheath                                   | Black                          |
| Housing material                                     | TPE-U(PUR)                     |
| Housing colour                                       | Black                          |
| Material of screw-type lock                          | Brass, nickel-plated           |
| Seals material                                       | FPM                            |
| Material of pin contacts                             | Gold-plated copper alloy       |
| Insulating sheath material                           | PP                             |