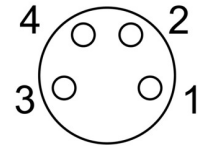


# Connecting cable NEBB-M8G4-P-2.5-LE4

Part number: 8066661

FESTO



## Data sheet

| Feature                                               | Value                                                                         |
|-------------------------------------------------------|-------------------------------------------------------------------------------|
| Conforms to standard                                  | Wire colors and connection numbers as per EN 60947-5-2<br>EN 61076-2-104      |
| Explosion prevention and protection                   | Observe the information on the certificate<br>Zone 2 (ATEX)<br>Zone 22 (ATEX) |
| Cable designation                                     | With label holder                                                             |
| 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 with AF 9                                                     |
| 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                               | 4 A                                                                           |
| Surge resistance                                      | 0.8 kV                                                                        |
| Cable length                                          | 2.5 m                                                                         |
| Cable characteristic                                  | for static applications                                                       |
| Connector cable test conditions                       | Test conditions on request                                                    |
| Bending radius, fixed cable installation              | ≥14 mm                                                                        |
| Cable diameter                                        | 4.5 mm                                                                        |
| Cable design                                          | 4 x 0.25 mm <sup>2</sup>                                                      |
| Nominal conductor cross section                       | 0.25 mm <sup>2</sup>                                                          |
| Wire ends                                             | Stripped<br>Cut off bluntly                                                   |
| Degree of protection                                  | IP65<br>IP68<br>IP69K                                                         |

| Feature                                      | Value                            |
|----------------------------------------------|----------------------------------|
| Note on degree of protection                 | In mounted state                 |
| Ambient temperature                          | -25 °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                   |
| Cleanroom class                              | Class 4 according to ISO 14644-1 |
| Note on materials                            | RoHS-compliant                   |
| Contamination level                          | 3                                |
| Corrosion resistance class (CRC)             | 2 - Moderate corrosion stress    |
| Material of cable sheath                     | PVC                              |
| Color cable sheath                           | Gray                             |
| Housing material                             | TPE-U(PU)                        |
| 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                   | PVC                              |