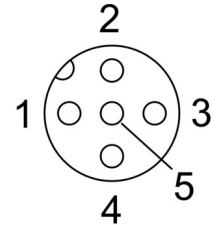


# Connecting cable NEBB-M12G5-P-10-LE5

Part number: 8066678

FESTO



## Data sheet

| Feature   | Value   |
|---|---|
| Conforms to standard                                  | Wire colors and connection numbers as per EN 60947-5-2<br>EN 61076-2-101      |
| 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        | M12x1 A-coded as per EN 61076-2-101   |
| Electrical connection 1, number of pins/wires         | 5   |
| Electrical connection 1, occupied pins/wires          | 5   |
| Electrical connection 1, type of mounting             | Screw-type lock with AF 13  |
| Electrical connection for input 1, connection pattern | 00995384  |
| 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         | 5   |
| Electrical connection 2, occupied pins/wires          | 5   |
| DC operating voltage range                            | 0 V ... 60 V  |
| Operating voltage range AC                            | 0 V ... 60 V  |
| Current rating at 40° C                               | 4 A   |
| Surge resistance                                      | 1.5 kV  |
| Cable length  | 10 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  | 5 x 0.25 mm <sup>2</sup>  |
| Nominal conductor cross section                       | 0.25 mm <sup>2</sup>  |
| Wire ends   | Stripped<br>Cut off bluntly   |

| <b>Feature</b>                               | <b>Value</b>   |
|--|--|
| Degree of protection                         | IP65<br>IP68<br>IP69K  |
| Note on degree of protection                 | In mounted state   |
| Ambient temperature                          | -25 °C ... 70 °C   |
| CE marking (see declaration of conformity)   | As per EU low voltage directive<br>As per EU RoHS directive            |
| UKCA marking (see declaration of conformity) | To UK instructions for electrical equipment<br>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  |