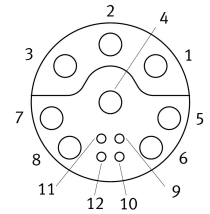


# Motor cable

## NEBM-M17G12-EH-7.5-Q9N-LE12

Part number: 8234030

FESTO



## Data sheet

| Feature                                        | Value                      |
|------------------------------------------------|----------------------------|
| Based on norm                                  | EN 61984                   |
| Cable designation                              | Without label holder       |
| Product weight                                 | 1410 g                     |
| Electrical connection                          | 12-pin                     |
| Electrical connection 1, function              | Field device side          |
| Electrical connection 1, design                | Round                      |
| Electrical connection 1, connection type       | Hybrid socket              |
| Electrical connection 1, cable outlet          | Straight                   |
| Electrical connection 1, connection technology | M17x0.75                   |
| Electrical connection 1, number of pins/wires  | 12                         |
| Electrical connection 1, occupied pins/wires   | 12                         |
| Electrical connection 1, type of mounting      | Screw-type lock            |
| Electrical connection 2, function              | Control side               |
| Electrical connection 2, connection type       | Cable                      |
| Electrical connection 2, cable outlet          | Straight                   |
| Electrical connection 2, connection technology | Open end                   |
| Electrical connection 2, number of pins/wires  | 12                         |
| Electrical connection 2, occupied pins/wires   | 12                         |
| Electrical connection 2, type of mounting      | Inserted                   |
| DC operating voltage range                     | 0 V...48 V                 |
| Current rating at 40° C                        | 17.8 A                     |
| Surge resistance                               | 1.5 kV                     |
| Shield                                         | Yes                        |
| Cable length                                   | 7.5 m                      |
| Cable characteristic                           | Suitable for energy chains |
| Connector cable test conditions                | Test conditions on request |
| Bending radius, fixed cable installation       | 43.2 mm                    |
| Bending radius, flexible cable installation    | 81 mm                      |
| Cable diameter                                 | 10.8 mm                    |

| Feature                                              | Value                                                                        |
|------------------------------------------------------|------------------------------------------------------------------------------|
| Cable diameter tolerance                             | ± 0.3 mm                                                                     |
| Cable design                                         | 4 x 1.5 mm <sup>2</sup> + 2 x 0.5 mm <sup>2</sup> + 6 x 0.15 mm <sup>2</sup> |
| Nominal conductor cross section                      | 0.15 mm <sup>2</sup><br>0.5 mm <sup>2</sup><br>1.5 mm <sup>2</sup>           |
| Wire ends                                            | Wire ferrule                                                                 |
| Degree of protection                                 | IP67                                                                         |
| Note on degree of protection                         | In mounted state                                                             |
| Ambient temperature                                  | -40 °C...90 °C                                                               |
| Ambient temperature with flexible cable installation | -25 °C...80 °C                                                               |
| Overvoltage category                                 | I                                                                            |
| 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 Zone III                                                           |
| Note on materials                                    | RoHS compliant<br>Halogen-free                                               |
| Contamination level                                  | 3                                                                            |
| Corrosion resistance class (CRC)                     | 1 - Low corrosion stress                                                     |
| Material of cable sheath                             | TPE-U(PUR)                                                                   |
| Color cable sheath                                   | Gray                                                                         |
| Insulating sheath material                           | PP                                                                           |