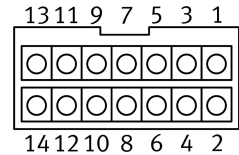


# Motor cable NEBM-L10G14-EH-10-Q7N-LE12

Part number: 8181673

FESTO



## Data sheet

| Feature  | Value   |
|--|---|
| Based on norm                                  | EN 61984  |
| Cable designation                              | Without label holder  |
| Product weight                                 | 1600 g  |
| Electrical connection 1, function              | Field device end  |
| Electrical connection 1, design                | Rectangular   |
| Electrical connection 1, connection type       | Hybrid socket   |
| Electrical connection 1, cable outlet          | Straight  |
| Electrical connection 1, connection technology | Plug pattern L10  |
| Electrical connection 1, number of pins/wires  | 14  |
| Electrical connection 1, occupied pins/wires   | 13  |
| Electrical connection 1, type of mounting      | Snap-locking  |
| 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                        | 11.7 A  |
| Surge resistance                               | 1.5 kV  |
| Shield   | yes   |
| Cable length                                   | 10 m  |
| Cable characteristic                           | Suitable for energy chains  |
| Connector cable test conditions                | Test conditions on request  |
| Bending radius, fixed cable installation       | 42 mm   |
| Bending radius, flexible cable installation    | 78.75 mm  |
| Cable diameter                                 | 10.5 mm   |
| Cable diameter tolerance                       | ± 0.3 mm  |
| Cable design                                   | 4 x 0.75 mm <sup>2</sup> + 2 x 0.5 mm <sup>2</sup> + 6 x 0.15 mm <sup>2</sup> |

| Feature  | Value   |
|--|---|
| Nominal conductor cross section                      | 0.15 mm <sup>2</sup><br>0.5 mm <sup>2</sup><br>0.75 mm <sup>2</sup> |
| Wire ends  | Cable end sleeve  |
| Degree of protection                                 | IP20  |
| 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  |