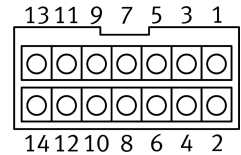


Motor cable NEBM-L10G14-EH-2.5-Q7N-LE12

Part number: 8181666

FESTO



Data sheet

| Feature | Value |
|--|---|
| Based on norm | EN 61984 |
| Cable designation | Without label holder |
| Product weight | 400 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 | 2.5 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 ² + 2 x 0.5 mm ² + 6 x 0.15 mm ² |

| Feature | Value |
|--|---|
| Nominal conductor cross section | 0.15 mm ² 0.5 mm ² 0.75 mm ² |
| 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 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 |