

Motor cable NEBM-M40G15-EH-10-Q11N-R3LEG14

Part number: 5251398

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|---|
| Based on norm | EN 61984 |
| Cable designation | Without label holder |
| Product weight | 4110 g |
| Electrical connection 1, function | Field device end |
| Electrical connection 1, design | Round |
| Electrical connection 1, connection type | Hybrid socket |
| Electrical connection 1, cable outlet | Straight |
| Electrical connection 1, connection technology | M40x1 |
| Electrical connection 1, number of pins/wires | 15 |
| Electrical connection 1, occupied pins/wires | 12 |
| Electrical connection 1, type of mounting | Snap-locking |
| Electrical connection for input 1, connection pattern | 00997393 |
| Electrical connection 2, function | Control side |
| Electrical connection 2, connection type | Plugs and cables |
| Electrical connection 2, cable outlet | Straight |
| Electrical connection 2, connection technology | RJ45 and open end |
| Electrical connection 2, number of pins/wires | 14 |
| Electrical connection 2, occupied pins/wires | 12 |
| DC operating voltage range | 0 V ... 850 V |
| Operating voltage range AC | 0 V ... 630 V |
| Current rating at 40° C | 31.9 A |
| Surge resistance | 6 kV |
| Cable length | 10 m |
| Cable characteristic | Suitable for energy chains |
| Connector cable test conditions | Test conditions on request |
| Bending radius, fixed cable installation | 65.6 mm |
| Bending radius, flexible cable installation | 123 mm |
| Cable diameter | 16.4 mm |
| Cable diameter tolerance | ± 0.3 mm |
| Cable design | 4 x 4 mm ² + 1 x (2 x 1.5 mm ²) + 1 x (2 x 0.24 mm ² + 2 x 2 x 0.15 mm ²) |
| Wire ends | Cable end sleeve |
| Degree of protection | IP67 |
| Note on degree of protection | Depending on manifold block |
| Ambient temperature | -40 °C ... 90 °C |
| Ambient temperature with flexible cable installation | -25 °C ... 80 °C |

| Feature | Value |
|--|--|
| CE marking (see declaration of conformity) | As per EU low voltage directive As per EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions To UK instructions for electrical equipment |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| 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 |