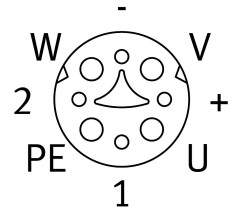


Motor cable

NEBM-M16G8-E-25-Q9-LE8

Part number: 5085052

FESTO



Data sheet

| Feature | Value |
|--|--|
| Based on norm | EN 61984 |
| Cable designation | Without 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 | M16x0.75 |
| Electrical connection 1, number of pins/wires | 8 |
| Electrical connection 1, occupied pins/wires | 6 |
| 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 | 8 |
| Electrical connection 2, occupied pins/wires | 6 |
| DC operating voltage range | 0 V...600 V |
| Note on operating voltage range DC | 0 - 300 V for conductor cross-section of 0.5 mm ² |
| Operating voltage range AC | 0 V...600 V |
| Note on operating voltage range AC | 0 - 300 V for conductor cross-section of 0.5 mm ² |
| Current rating at 40° C | 16 A |
| Note on acceptable current load at 40°C | 8 A for conductor cross-section of 0.5 mm ² |
| Surge resistance | 6 kV |
| Note on surge resistance | 4 kV for a conductor cross-section of 0.5 mm ² |
| Shield | yes |
| Cable length | 25 m |
| Cable characteristic | Suitable for energy chains |
| Bending radius, fixed cable installation | 64 mm |
| Bending radius, flexible cable installation | 128 mm |
| Cable diameter | 12.8 mm |
| Cable design | 4 x 1.5 mm ² + 2 x (2 x 0.5 mm ²) |

| Feature | Value |
|--|--|
| Nominal conductor cross section | 0.5 mm ² 1.5 mm ² |
| Wire ends | Cable end sleeve |
| Degree of protection | IP65 |
| Note on degree of protection | In mounted state |
| Ambient temperature | -50 °C...90 °C |
| Ambient temperature with flexible cable installation | -40 °C...90 °C |
| 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 |
| Contamination level | 3 |
| Corrosion resistance class (CRC) | 0 - No corrosion stress |
| Material of cable sheath | TPE-U(PUR) |
| Color cable sheath | Orange |
| Insulating sheath material | TPE-E |