

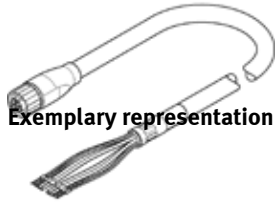
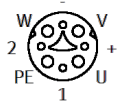
motor cable

NEBM-M16G8-E- -Q9-LE8

Part number: 8003769
Product to be discontinued

Suitable for servo motor EMME-AS-...

FESTO



Data sheet

| Feature | Value |
|--|---|
| Based on the standard | EN 61984 |
| Cable identification | Without inscription label holder |
| Electrical connection 1, function | Field device side |
| Electrical connection 1, design | Round |
| Electrical connection 1, connection type | Plug 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 | Controller 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 |
| Operating voltage range DC | 0 ... 600 V |
| Note on operating voltage range DC | 0 - 300 V for 0.5 mm ² |
| Operating voltage range AC | 0 ... 600 V |
| Note on operating voltage range AC | 0 - 300 V for 0.5 mm ² |
| Acceptable current load at 40°C | 16 A |
| Note on acceptable current load at 40°C | 8 A for 0.5 mm ² |
| Surge strength | 6 kV |
| Note on surge resistance | 4 kV for 0.5 mm ² |
| Cable length | 1 ... 25 m |
| Cable attribute | Suitable for energy chains |
| Bending radius, fixed cable installation | ≥ 64 mm |
| Bending radius, flexible cable installation | ≥ 128 mm |
| Cable diameter | 12.8 mm |
| Cable structure | 4x1,5+2x(2x0,5) Shielded |
| Nominal conductor cross-section | 1.5 mm ² 0.5 mm ² |
| Wire ends | Wire end ferrule |
| Protection class | IP65 |
| Note on degree of protection | in assembled condition |
| Ambient temperature | -50 ... 90 °C |
| Ambient temperature with flexible cable installation | -40 ... 90 °C |
| CE mark (see declaration of conformity) | to EU directive low-voltage devices in accordance with EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK instructions for electrical equipment To UK RoHS instructions |
| PWIS conformity | VDMA24364-B2-L |
| Materials note | Conforms to RoHS |
| Degree of contamination | 3 |
| Corrosion resistance classification CRC | 0 - No corrosion stress |
| Material cable sheath | TPE-U(PUR) |
| Cable sheath colour | Orange |
| Material insulation | TPE-E |