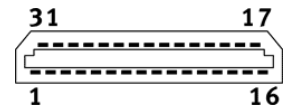
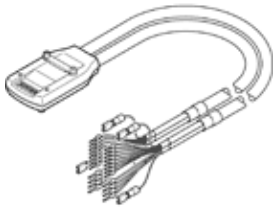


motor cable

NEBM-SF1W31-EH-5-Q15N-LE28

Part number: 8113307

FESTO



Data sheet

| Feature | Value |
|--|--|
| Conforms to standard | DIN 47100 |
| Cable identification | Without inscription label holder |
| Connection frequency | 30 |
| Product weight | 1,480 g |
| Electrical connection 1, function | Field device side |
| Electrical connection 1, design | Angular |
| Electrical connection 1, connection type | Plug |
| Electrical connection 1, cable outlet | Angled |
| Electrical connection 1, note about the cable outlet | 90° |
| Electrical connection 1, connection technology | Connection pattern F1 |
| Electrical connection 1, number of pins/wires | 31 |
| Electrical connection 1, occupied pins/wires | 31 |
| Electrical connection 1, type of mounting | Snap-in locking |
| 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 | 28 |
| Electrical connection 2, occupied pins/wires | 28 |
| Operating voltage range DC | 0 ... 50 V |
| Nominal operating voltage DC | 24 V |
| Acceptable current load at 40°C | 0.5 A |
| Surge strength | 0.25 kV |
| Cable length | 5 m |
| Cable attribute | Suitable for energy chains |
| Test conditions of cable | Test conditions on request |
| Bending radius, fixed cable installation | ≥ 49.5 mm |
| Bending radius, flexible cable installation | ≥ 74.25 mm |
| Cable diameter | 9.9 mm |
| Cable diameter tolerance | ± 0,2 mm |
| Cable structure | 1x(6x0,35)+2x(4x0,15) |
| Nominal conductor cross-section | 0.35 mm ² 0.15 mm ² |
| Wire ends | Wire end ferrule |
| Protection class | IP20 |
| Note on degree of protection | in assembled condition |
| Ambient temperature | -20 ... 75 °C |
| Ambient temperature with flexible cable installation | -5 ... 70 °C |
| Storage temperature | -25 ... 55 °C |
| CE mark (see declaration of conformity) | in accordance with EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions |
| PWIS conformity | VDMA24364 zone III |
| Materials note | Conforms to RoHS |
| Degree of contamination | 1 |
| Corrosion resistance classification CRC | 1 - Low corrosion stress |
| Material cable sheath | TPE-U(PUR) |
| Cable sheath colour | Black |
| Material housing | PA |
| Housing colour | Black |
| Material electrical contact | Copper alloy, tinned |