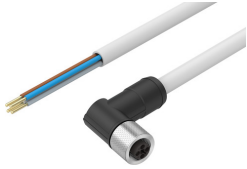


Connecting cable NEBL-T12W4-E-2-N-LE4

Part number: 8080778

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|---|
| Based on norm | EN 61076-2-111 |
| Certification | c UL us - Listed (OL) |
| Certificate issuing authority | UL E504946 |
| Cable designation | Without label holder |
| Product weight | 243 g |
| Electrical connection 1, function | Field device end |
| Electrical connection 1, design | Round |
| Electrical connection 1, connection type | Socket |
| Electrical connection 1, cable outlet | Angled |
| Electrical connection 1, connection technology | M12x1, T-coded as per EN 61076-2-111 |
| Electrical connection 1, number of pins/wires | 4 |
| Electrical connection 1, occupied pins/wires | 4 |
| Electrical connection 1, type of mounting | Screw-type lock |
| Electrical connection for input 1, connection pattern | Socket, M12x1 T-coded as per EN 61076-2-111, 4-pole |
| 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 | 4 |
| Electrical connection 2, occupied pins/wires | 4 |
| DC operating voltage range | 0 V ... 63 V |
| Current rating at 40° C | 12 A |
| Surge resistance | 1.5 kV |
| Shield | no |
| Cable length | 2 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 | ≥84 mm |
| Cable diameter | 8.4 mm |
| Cable diameter tolerance | ± 0.25 mm |
| Cable design | 4 x 1.5 mm ² |
| Nominal conductor cross section | 1.5 mm ² |
| Wire ends | Stripped |
| Degree of protection | IP65 IP67 |
| Note on degree of protection | In mounted state |

| Feature | Value |
|--|-------------------------------|
| Ambient temperature | -25 °C ... 80 °C |
| Ambient temperature with flexible cable installation | -25 °C ... 80 °C |
| 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-B2-L |
| Note on materials | RoHS-compliant |
| Contamination level | 3 |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| Material of cable sheath | TPE-U(PUR) |
| Color cable sheath | Black |
| Housing material | PA |
| Housing colour | Black |
| Material of screw-type lock | Die-cast zinc, nickel-plated |
| Seals material | NBR |
| Material of pin contacts | Brass |
| Insulating sheath material | PP |