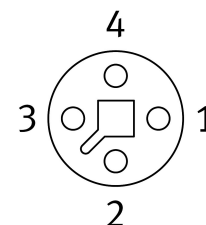


Connecting cable NEBM-T12G4-R-10-LE4

Part number: 8140937

FESTO



Data sheet

| Feature | Value |
|--|--|
| Based on standard | EN 61076-2-111 |
| Cable designation | With label holder |
| Product weight | 800 g |
| Electrical connection 1, function | Field device side |
| Electrical connection 1, design | Round |
| Electrical connection 1, connection type | Socket |
| Electrical connection 1, cable outlet | Straight |
| Electrical connection 1, connector system | M12x1, T-coded according to EN 61076-2-111 |
| Electrical connection 1, number of connections/cores | 4 |
| Electrical connection 1, used connections/cores | 4 |
| Electrical connection 1, type of mounting | Screw-type lock |
| Electrical connection 2, function | Controller side |
| Electrical connection 2, connection type | Cable |
| Electrical connection 2, connector system | Open end |
| Electrical connection 2, number of connections/cores | 4 |
| Electrical connection 2, used connections/cores | 4 |
| Operational voltage range DC | 0 V...60 V |
| Current rating at 40° C | 5 A |
| Immunity to surge | 1.5 kV |
| Shielding | no |
| Cable length | 10 m |
| Cable characteristic | Suitable for robot applications |
| Test conditions cable | Test conditions on request |
| Bending radius, fixed cable | 30 mm |
| Bending radius, moving cable | 75 mm |
| Cable diameter | 7.5 mm |
| Cable diameter tolerance | ± 0.2 mm |
| Cable structure | 4 x 0.75 mm ² |
| Nominal cross section conductor | 0.75 mm ² |
| Conductor nominal cross section | AWG19 |

| Feature | Value |
|--|--------------------------------------|
| Wire ends | Sheath removed |
| Degree of protection | IP67 |
| Note on degree of protection | In assembled state |
| Ambient temperature | -40 °C...80 °C |
| Ambient temperature with moving cable | -20 °C...80 °C |
| CE mark (see declaration of conformity) | In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Note on materials | RoHS-compliant |
| Pollution degree | 3 |
| Corrosion resistance class CRC | 0 - No corrosion stress |
| Material cable sheath | PVC |
| Cable sheath colour | Black |
| Material housing | TPE-U(PUR) |
| Housing colour | Black |
| Material screw-type lock | High-alloy stainless steel |
| Material seals | HNBR |
| Material electrical contact | Gold-plated brass |
| Material insulating sheath | PVC |