

Connecting cable NEBL-M8W4-E-7.5-N-M8W4

Part number: 8065112

FESTO



Data sheet

| Feature | Value |
|--|---|
| Conforms to standard | EN 61076-2-104 |
| Approval | c UL us listed (OL) |
| Explosion protection | The information in the certificate must be observed! Zone 2 (ATEX) Zone 22 (ATEX) |
| Certificate issuing authority | UL E253748 |
| Cable designation | Without inscription label holder |
| Product weight | 285 g |
| Electrical connection 1, function | Field device side |
| Electrical connection 1, design | Round |
| Electrical connection 1, connection type | Socket |
| Electrical connection 1, cable outlet | Angled |
| Electrical connection 1, connector system | M8x1, A-coded, to EN 61076-2-104 |
| Electrical connection 1, number of connections/cores | 4 |
| Electrical connection 1, used connections/cores | 4 |
| Electrical connection 1, type of mounting | Screw-type lock with hexagon A/F 9 mm and longitudinal knurl |
| Electrical connection 2, function | Controller side |
| Electrical connection 2, design | Round |
| Electrical connection 2, connection type | Plugs |
| Electrical connection 2, cable outlet | Angled |
| Electrical connection 2, connector system | M8x1, A-coded to EN 61076-2-104 |
| Electrical connection 2, number of connections/cores | 4 |
| Electrical connection 2, used connections/cores | 4 |
| electrical connection 2, type of mounting | Screw-type lock with hexagon A/F 9 mm and longitudinal knurl |
| Operational voltage range DC | 0 V...30 V |
| Nominal operating voltage DC | 24 V |
| Operational voltage range AC | 0 V...30 V |
| Nominal operating voltage AC | 24 V |
| Current rating at 40° C | 5.2 A |
| Immunity to surge | 0.8 kV |

| Feature | Value |
|--|--------------------------------------|
| Protective conductor connection | Not available |
| Shielding | no |
| Cable length | 7.5 m |
| Cable characteristic | Suitable for energy chains |
| Test conditions cable | Test conditions on request |
| Bending radius, fixed cable | 15 mm |
| Bending radius, moving cable | 50 mm |
| Cable diameter | 4.8 mm |
| Cable diameter tolerance | ± 0.15 mm |
| Cable structure | 4 x 0.5 mm ² |
| Nominal cross section conductor | 0.5 mm ² |
| Degree of protection | IP65 IP67 IP69K |
| Note on degree of protection | In assembled state |
| Special characteristics | Oil resistant |
| Ambient temperature | -40 °C...90 °C |
| Ambient temperature with moving cable | -20 °C...90 °C |
| Storage temperature | -40 °C...90 °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-B2-L |
| Note on materials | RoHS-compliant Free of halogen |
| Pollution degree | 3 |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| Material cable sheath | TPE-U(PUR) |
| Cable sheath colour | Black |
| Material housing | TPE-U(PUR) |
| Housing colour | Black |
| Material screw-type lock | Nickel-plated brass |
| Material seals | FPM |
| Material electrical contact | Gold-plated copper alloy |
| Material insulating sheath | PP |