

Connecting cable

NEBC-M12W8-E-2-N-B-LE8

Part number: 8094476

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|----------------------------------|
| Based on standard | EN 61076-2-101 |
| Approval | c UL us listed (OL) |
| Certificate issuing authority | UL E474609 |
| Cable designation | Without inscription label holder |
| Product weight | 105 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 | M12x1, A-coded to EN 61076-2-101 |
| Electrical connection 1, number of connections/cores | 8 |
| Electrical connection 1, used connections/cores | 8 |
| Electrical connection 1, type of mounting | Screw-type lock |
| Electrical connection 1, connection pattern | 00992265 |
| 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 | 8 |
| Electrical connection 2, used connections/cores | 8 |
| Operational voltage range DC | 0 V ... 30 V |
| Operational voltage range AC | 0 V ... 30 V |
| Current rating at 40° C | 2 A |
| Immunity to surge | 0.8 kV |
| Shielding | no |
| Cable length | 2 m |
| Cable characteristic | Suitable for energy chains |
| Test conditions cable | Test conditions on request |
| Bending radius, fixed cable | ≥30 mm |
| Bending radius, moving cable | ≥30 mm |
| Cable diameter | 6 mm |
| Cable diameter tolerance | ± 0.2 mm |
| Cable structure | 8 x 0.25 mm ² |
| Nominal cross section conductor | 0.25 mm ² |
| Wire ends | Sheath removed |
| Degree of protection | IP65 IP67 |

| Feature | Value |
|--|--------------------------------------|
| Note on degree of protection | In assembled state |
| Ambient temperature | -25 °C ... 90 °C |
| Ambient temperature with moving cable | -25 °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 |
| Pollution degree | 3 |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| Material cable sheath | TPE-U(PUR) |
| Cable sheath colour | Silver-grey |
| Material housing | TPE-U(PUR) |
| Housing colour | Black |
| Material screw-type lock | Die-cast zinc, nickel-plated |
| Material seals | NBR |
| Material electrical contact | Brass |
| Material insulating sheath | PP |