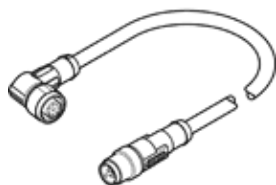
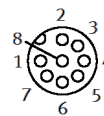


Connecting cable

NEBC-M12W8-E-15-N-M12G8

Part number: 8080789

FESTO



Data sheet

| Feature | Value |
|--|--|
| Based on the standard | EN 61076-2-101 |
| Authorization | c UL us - Listed (OL) |
| Certificate issuing department | UL E474609 |
| Cable identification | Without inscription label holder |
| Product weight | 736 g |
| Electrical connection 1, function | Field device side |
| Electrical connection 1, design | Round |
| Electrical connection 1, connection type | Plug socket |
| Electrical connection 1, cable outlet | Angled |
| Electrical connection 1, connection technology | M12x1, A-coded in accordance with EN 61076-2-101 |
| Electrical connection 1, number of pins/wires | 8 |
| Electrical connection 1, occupied pins/wires | 8 |
| Electrical connection 1, type of mounting | Screw lock |
| Electrical connection 2, function | Controller side |
| Electrical connection 2, design | Round |
| Electrical connection 2, connection type | Plug |
| Electrical connection 2, cable outlet | Straight |
| Electrical connection 2, connection technology | M12x1, A-coded in accordance with EN 61076-2-101 |
| Electrical connection 2, number of pins/wires | 8 |
| Electrical connection 2, occupied pins/wires | 8 |
| Electrical connection 2, type of mounting | Screw lock |
| Operating voltage range DC | 0 ... 30 V |
| Operating voltage range AC | 0 ... 30 V |
| Acceptable current load at 40°C | 2 A |
| Surge strength | 0.8 kV |
| Shielding | No |
| Cable length | 15 m |
| Cable attribute | Suitable for energy chains |
| Test conditions of cable | Test conditions on request |
| Bending radius, fixed cable installation | ≥ 30 mm |
| Bending radius, flexible cable installation | ≥ 30 mm |
| Cable diameter | 6 mm |
| Cable diameter tolerance | ± 0,2 mm |
| Cable structure | 8x0,25 |
| Nominal conductor cross-section | 0.25 mm ² |
| Protection class | IP65 IP67 |
| Note on degree of protection | in assembled condition |
| Ambient temperature | -25 ... 90 °C |
| Ambient temperature with flexible cable installation | -25 ... 90 °C |
| CE symbol (see declaration of conformity) | in accordance with EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions |
| PWIS conformity | VDMA24364-B2-L |
| Materials note | Conforms to RoHS |
| Degree of contamination | 3 |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |

| Feature | Value |
|-----------------------------|-----------------------------|
| Material cable sheath | TPE-U(PUR) |
| Cable sheath color | Silver-grey |
| Material housing | TPE-U(PUR) |
| Housing color | Black |
| Material screw-type lock | Nickel-plated die-cast zinc |
| Material seals | NBR |
| Material electrical contact | Brass |
| Material insulation | PP |