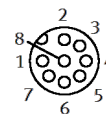
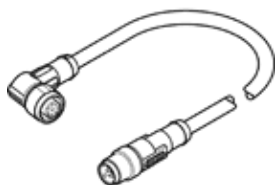


# connecting cable

## NEBC-M12W8-E-10-N-M12G8

Part number: 8080788

FESTO



## Data sheet

| Feature  | Value  |
|--|--|
| Based on the standard                                | EN 61076-2-101                                   |
| Authorisation  | c UL us - Listed (OL)                            |
| Certificate issuing department                       | UL E474609                                       |
| Cable identification                                 | Without inscription label holder                 |
| Product weight                                       | 496 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   | 10 m   |
| Cable attribute                                      | Suitable for chain link trunking                 |
| 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 <sup>2</sup>                             |
| Protection class                                     | IP65<br>IP67                                     |
| Note on degree of protection                         | in assembled condition                           |
| Ambient temperature                                  | -25 ... 90 °C                                    |
| Ambient temperature with flexible cable installation | -25 ... 90 °C                                    |
| CE mark (see declaration of conformity)              | in accordance with EU RoHS directive             |
| Materials note                                       | Conforms to RoHS                                 |
| Degree of contamination                              | 3  |
| Corrosion resistance classification CRC              | 2 - Moderate corrosion stress                    |
| Material cable sheath                                | TPE-U(PUR)                                       |
| Cable sheath colour                                  | Silver-grey                                      |

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