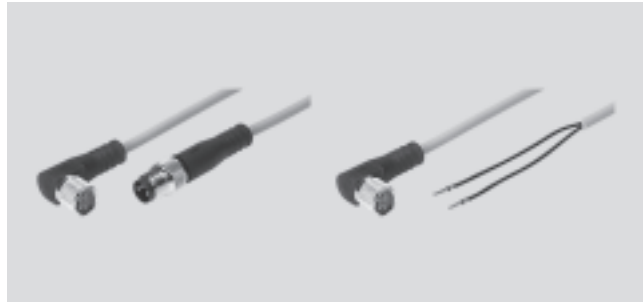


# Connecting cables NEBV

FESTO

## Technical data

- Temperature range  
-10 ... +50 °C
- For CPE10 and CPE14
- With round plug



| General technical data           |                      | NEBV-M8W4L-...-LE2                                                                                 | NEBV-M8W4L-...-M8G3                                                                                            |
|----------------------------------|----------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Type                             |                      |                                                                                                    |                                                                                                                |
| Electrical connection            |                      | <ul style="list-style-type: none"> <li>Angled socket M8x1, 4-pin</li> <li>Cable, 2-wire</li> </ul> | <ul style="list-style-type: none"> <li>Angled socket M8x1, 4-pin</li> <li>Straight plug M8x1, 3-pin</li> </ul> |
| Tightening torque                | [Nm]                 | 0.3                                                                                                |                                                                                                                |
| Cable composition                | [mm <sup>2</sup> ]   | 2x0.25                                                                                             |                                                                                                                |
| Cable diameter                   | [mm]                 | 3.4                                                                                                |                                                                                                                |
| Wire ends                        |                      | Wire end sleeve                                                                                    | –                                                                                                              |
| Switching status display         |                      | Yellow LED                                                                                         |                                                                                                                |
| Acceptable current load at 40 °C | [A]                  | 3                                                                                                  |                                                                                                                |
| Protection class to EN 60529     |                      | IP65 and IP67 (assembled)                                                                          |                                                                                                                |
| Conforms to                      |                      | EN 61076-2-101, ISO 20401                                                                          |                                                                                                                |
| Cable properties                 |                      | Suitable for use with energy chains                                                                |                                                                                                                |
| Minimum cable bending radius     | [mm]                 | 35                                                                                                 |                                                                                                                |
| Operating voltage range          | [V DC]               | 20.4 ... 26.4                                                                                      |                                                                                                                |
| Ambient temperature              | [°C]                 | -10 ... +50                                                                                        |                                                                                                                |
| Material                         | Housing              | Thermoplastic polyurethane elastomer                                                               |                                                                                                                |
|                                  | Insulating sheath    | Polyvinyl chloride                                                                                 |                                                                                                                |
|                                  | Cable sheath         | Polyurethane                                                                                       |                                                                                                                |
|                                  | Plug socket contacts | Gold-plated brass                                                                                  |                                                                                                                |
| Note on materials                |                      | RoHS-compliant                                                                                     |                                                                                                                |

| Dimensions                                                                                                                                             |  | Download CAD data → <a href="http://www.festo.com">www.festo.com</a>                                                                                 |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| NEBV-M8W4L-...-LE2                                                                                                                                     |  | NEBV-M8W4L-...-M8G3                                                                                                                                  |  |
|                                                                                                                                                        |  |                                                                                                                                                      |  |
| <p>1 Open cable end, 2-wire</p> <p>2 Angled socket, 4-pin, transparent housing, with LED</p> <p>3 Inscription label holder</p> <p>L = cable length</p> |  | <p>2 Angled socket, 4-pin, transparent housing, with LED</p> <p>3 Inscription label holder</p> <p>4 Straight plug, 3-pin</p> <p>L = cable length</p> |  |

| Ordering data |                             |                    |                  |          |                       |
|---------------|-----------------------------|--------------------|------------------|----------|-----------------------|
|               | Description                 | Product weight [g] | Cable length [m] | Part No. | Type                  |
|               | Angled socket/cable         | 45                 | 2.5              | 562471   | NEBV-M8W4L-E-2.5-LE2  |
|               |                             | 85                 | 5                | 562472   | NEBV-M8W4L-E-5-LE2    |
|               |                             | 165                | 10               | 562473   | NEBV-M8W4L-E-10-LE2   |
|               | Angled socket/straight plug | 50                 | 2.5              | 562468   | NEBV-M8W4L-E-2.5-M8G3 |
|               |                             | 90                 | 5                | 562469   | NEBV-M8W4L-E-5-M8G3   |
|               |                             | 170                | 10               | 562470   | NEBV-M8W4L-E-10-M8G3  |