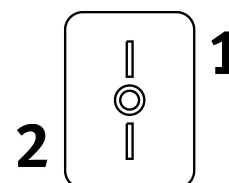


# Connecting cable NEBV-Z4WA2L-R-E-2.5-N-LE2-S1

Part number: 8047679

**FESTO**



## Data sheet

| Feature                                        | Value                                           |
|------------------------------------------------|-------------------------------------------------|
| Signal status display                          | Yellow LED                                      |
| Additional functions                           | Holding current reduction<br>Protective circuit |
| Cable designation                              | Without label holder                            |
| Contact durability                             | 50                                              |
| Product weight                                 | 50 g                                            |
| Electrical connection 1, function              | Field device side                               |
| Electrical connection 1, design                | Square                                          |
| Electrical connection 1, connection type       | Socket                                          |
| Electrical connection 1, cable outlet          | Angled                                          |
| Electrical connection 1, connection technology | Connection diagram ZC, metric screw             |
| Electrical connection 1, number of pins/wires  | 2                                               |
| Electrical connection 1, occupied pins/wires   | 2                                               |
| Electrical connection 1, type of mounting      | On air solenoid valve with M2 central screw     |
| Electrical connection 2, function              | Control side                                    |
| Electrical connection 2, connection type       | Cable                                           |
| Electrical connection 2, connection technology | Open end                                        |
| Electrical connection 2, number of pins/wires  | 2                                               |
| Electrical connection 2, occupied pins/wires   | 2                                               |
| DC operating voltage range                     | 20.4 V...26.4 V                                 |
| Nominal operating voltage DC                   | 24 V                                            |
| Surge resistance                               | 2.4 kV                                          |
| Reverse polarity protection                    | Bipolar                                         |
| Protective earth connection                    | Not available                                   |
| Cable length                                   | 2.5 m                                           |
| Cable characteristic                           | Suitable for energy chains                      |
| Connector cable test conditions                | Test conditions on request                      |
| Bending radius, flexible cable installation    | 29 mm                                           |
| Cable diameter                                 | 2.9 mm                                          |

| Feature                                      | Value                                                 |
|----------------------------------------------|-------------------------------------------------------|
| Cable diameter tolerance                     | ± 0.1 mm                                              |
| Cable design                                 | 2 x 0.14 mm <sup>2</sup>                              |
| Nominal conductor cross section              | 0.14 mm <sup>2</sup>                                  |
| Degree of protection                         | IP65                                                  |
| Note on degree of protection                 | In mounted state                                      |
| Ambient temperature                          | -10 °C...50 °C                                        |
| CE marking (see declaration of conformity)   | As per EU EMC directive<br>As per EU RoHS directive   |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC<br>To UK RoHS instructions |
| LABS (PWIS) conformity                       | VDMA24364-B2-L                                        |
| Note on materials                            | RoHS compliant                                        |
| Contamination level                          | 3                                                     |
| Note on the contamination level              | In mounted state                                      |
| Corrosion resistance class (CRC)             | 3 - High corrosion stress                             |
| Material of cable sheath                     | TPE-U(PUR)                                            |
| Color cable sheath                           | Gray                                                  |
| Housing material                             | TPE-U(PU)                                             |
| Housing colour                               | Black                                                 |
| Material of screws                           | High-grade steel                                      |
| Material of pin contacts                     | Tin-plated, high-alloy steel                          |
| Insulating sheath material                   | PP                                                    |