

# Connecting cable

## NEBV-Z4WA2L-P-E-10-N-LE2-S1

FESTO

Part number: 8047670



 General operating condition

## Data sheet

| Feature  | Value                                  |
|--|--|
| Signal status display                                | Yellow LED                             |
| Additional functions                                 | Protective circuit                     |
| Cable designation                                    | Without inscription label holder       |
| Frequency of connection                              | 50                                     |
| Product weight                                       | 170 g                                  |
| Electrical connection 1, function                    | Field device side                      |
| Electrical connection 1, design                      | Angular                                |
| Electrical connection 1, connection type             | Socket                                 |
| Electrical connection 1, cable outlet                | Angled                                 |
| Electrical connection 1, connector system            | Plug pattern ZC, metric screw          |
| Electrical connection 1, number of connections/cores | 2                                      |
| Electrical connection 1, used connections/cores      | 2                                      |
| Electrical connection 1, type of mounting            | On solenoid valve via M2 central screw |
| Electrical connection 1, connection pattern          | 00995625                               |
| 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 | 2                                      |
| Electrical connection 2, used connections/cores      | 2                                      |
| Operational voltage range DC                         | 20.4 V ... 26.4 V                      |
| Nominal operating voltage DC                         | 24 V                                   |
| Immunity to surge                                    | 2.4 kV                                 |
| Reverse polarity protection                          | Bipolar                                |
| Protective conductor connection                      | Not available                          |
| Cable length   | 10 m                                   |
| Cable characteristic                                 | Suitable for energy chains             |
| Test conditions cable                                | Test conditions on request             |
| Bending radius, moving cable                         | ≥29 mm                                 |
| Cable diameter                                       | 2.9 mm                                 |
| Cable diameter tolerance                             | ± 0.1 mm                               |
| Cable structure                                      | 2 x 0.14 mm <sup>2</sup>               |
| Nominal cross section conductor                      | 0.14 mm <sup>2</sup>                   |
| Degree of protection                                 | IP65                                   |
| Note on degree of protection                         | In assembled state                     |
| Ambient temperature                                  | -10 °C ... 50 °C                       |
| CE mark (see declaration of conformity)              | In accordance with EU RoHS Directive   |

| <b>Feature</b>                               | <b>Value</b>              |
|--|---------------------------|
| UKCA marking (see declaration of conformity) | To UK RoHS instructions   |
| LABS (PWIS) conformity                       | VDMA24364-B2-L            |
| Note on materials                            | RoHS-compliant            |
| Pollution degree                             | 3                         |
| Note on the contamination level              | In mounted state          |
| Corrosion resistance class CRC               | 3 - high corrosion stress |
| Material cable sheath                        | TPE-U(PUR)                |
| Cable sheath colour                          | Grey                      |
| Material housing                             | TPE-U(PU)                 |
| Housing colour                               | Black                     |
| Material screws                              | Stainless steel           |
| Material electrical contact                  | Copper alloy, tin-plated  |
| Material insulating sheath                   | PP                        |