

# Connecting cable

## NEBV-Z4WA2L-R-E-0.2-N-Z1W2-S1

FESTO

Part number: 8047682



 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                                       | 18 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, 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                    | Control side                              |
| Electrical connection 2, design                      | Square                                    |
| Electrical connection 2, connection type             | Plug                                      |
| Electrical connection 2, cable outlet                | Angled                                    |
| Electrical connection 2, connector system            | Connection pattern ZB, self-tapping screw |
| Electrical connection 2, number of connections/cores | 2   |
| Electrical connection 2, used connections/cores      | 2   |
| Electrical connection 2, type of mounting            | On solenoid valve via self-tapping screw  |
| Electrical connection 2, connection pattern          | 00995712                                  |
| 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 provided                              |
| Cable length   | 0.2 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>                      |

| <b>Feature</b>                               | <b>Value</b>  |
|--|---|
| Degree of protection                         | IP65  |
| Note on degree of protection                 | In mounted state  |
| Ambient temperature                          | -10 °C ... 50 °C  |
| CE mark (see declaration of conformity)      | To EU EMC Directive<br>In accordance with 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  |
| 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                  | Tin-plated copper alloy                                     |
| Material insulating sheath                   | PP  |