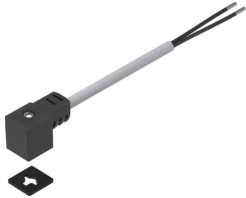


# Connecting cable NEBV-C1SW2L-P-K-2.5-N-LE2-S9

Part number: 8032623

FESTO



 General operating condition

## Data sheet

| Feature                                               | Value                                          |
|-------------------------------------------------------|------------------------------------------------|
| Signal status display                                 | LED yellow                                     |
| Additional functions                                  | Protective circuit                             |
| Cable designation                                     | Without label holder                           |
| Contact durability                                    | 50                                             |
| Product weight                                        | 120 g                                          |
| Electrical connection 1, function                     | Field device end                               |
| Electrical connection 1, design                       | Rectangular                                    |
| Electrical connection 1, connection type              | Socket, narrow                                 |
| Electrical connection 1, cable outlet                 | Angled                                         |
| Electrical connection 1, information on cable outlet  | Can be rotated through 180°                    |
| Electrical connection 1, connection technology        | Connection diagram type C as per EN 175301-803 |
| Electrical connection 1, number of pins/wires         | 4                                              |
| Electrical connection 1, occupied pins/wires          | 2                                              |
| Electrical connection 1, type of mounting             | On air solenoid valve with M2.5 central screw  |
| Electrical connection for input 1, connection pattern | 00995797                                       |
| 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                                           |
| Current rating at 40° C                               | 6 A                                            |
| Surge resistance                                      | 2.4 kV                                         |
| Reverse polarity protection                           | Bipolar                                        |
| Protective earth connection                           | Not available                                  |
| Cable length                                          | 2.5 m                                          |
| Cable characteristic                                  | Standard                                       |
| Connector cable test conditions                       | Test conditions on request                     |
| Bending radius, flexible cable installation           | ≥52 mm                                         |
| Cable diameter                                        | 5.2 mm                                         |
| Cable diameter tolerance                              | ± 0.1 mm                                       |
| Cable design                                          | 2 x 0.75 mm <sup>2</sup>                       |
| Nominal conductor cross section                       | 0.75 mm <sup>2</sup>                           |
| Degree of protection                                  | IP65<br>IP67                                   |

| Feature                                              | Value                     |
|------------------------------------------------------|---------------------------|
| Note on degree of protection                         | In mounted state          |
| Ambient temperature                                  | -20 °C ... 70 °C          |
| Ambient temperature with flexible cable installation | -5 °C ... 70 °C           |
| CE marking (see declaration of conformity)           | As per EU RoHS directive  |
| UKCA marking (see declaration of conformity)         | 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                             | PVC                       |
| Color cable sheath                                   | Gray                      |
| Housing material                                     | TPE-U(PU)                 |
| Housing colour                                       | Black                     |
| Material of screws                                   | Stainless steel           |
| Seals material                                       | HNBR                      |
| Material of pin contacts                             | Copper alloy, tin-plated  |
| Insulating sheath material                           | PVC                       |