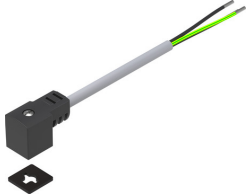


# Connecting cable NEBV-C1SW3-K-2.5-N-LE3-S9

Part number: 8032628

FESTO



 [General operating condition](#)

## Data sheet

| Feature   | Value  |
|---|--|
| Cable designation                                     | Without label holder                           |
| Contact durability                                    | 50   |
| Product weight  | 125 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          | 4  |
| Electrical connection 1, type of mounting             | On air solenoid valve with M2.5 central screw  |
| Electrical connection for input 1, connection pattern | 00995798                                       |
| 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         | 3  |
| Electrical connection 2, occupied pins/wires          | 3  |
| DC operating voltage range                            | 0 V ... 230 V                                  |
| Operating voltage range AC                            | 0 V ... 230 V                                  |
| Current rating at 40° C                               | 6 A  |
| Surge resistance                                      | 4 kV   |
| Reverse polarity protection                           | Bipolar  |
| Protective earth connection                           | 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  | 3 x 0.5 mm <sup>2</sup>                        |
| Nominal conductor cross section                       | 0.5 mm <sup>2</sup>                            |
| Degree of protection                                  | IP65<br>IP67                                   |
| Note on degree of protection                          | In mounted state                               |
| Ambient temperature                                   | -20 °C ... 70 °C                               |

| Feature  | Value  |
|--|--|
| Ambient temperature with flexible cable installation | -5 °C ... 70 °C  |
| CE marking (see declaration of conformity)           | As per EU low voltage directive<br>As per EU RoHS directive            |
| UKCA marking (see declaration of conformity)         | To UK RoHS instructions<br>To UK instructions for electrical equipment |
| LABS (PWIS) conformity                               | VDMA24364-B2-L   |
| Note on materials                                    | RoHS-compliant   |
| Contamination level                                  | 3  |
| 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  |