

# Connecting cable NEBV-S1WA44-K-5-N-LE44-S9

Part number: 575421

FESTO



 General operating condition

## Data sheet

| Feature   | Value                      |
|---|----------------------------|
| Based on norm   | DIN 47100                  |
| Cable designation                                     | Without label holder       |
| Contact durability                                    | 50                         |
| Product weight  | 860 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        | Sub-D                      |
| Electrical connection 1, number of pins/wires         | 44                         |
| Electrical connection 1, occupied pins/wires          | 44                         |
| Electrical connection 1, type of mounting             | 2x 4-40 UNC screw          |
| Electrical connection for input 1, connection pattern | 00995646                   |
| 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         | 44                         |
| Electrical connection 2, occupied pins/wires          | 44                         |
| DC operating voltage range                            | 0 V ... 30 V               |
| Current rating at 40° C                               | 0.86 A                     |
| Surge resistance                                      | 2.4 kV                     |
| Reverse polarity protection                           | Yes                        |
| Cable length  | 5 m                        |
| Cable characteristic                                  | Standard                   |
| Connector cable test conditions                       | Test conditions on request |
| Bending radius, fixed cable installation              | ≥42 mm                     |
| Bending radius, flexible cable installation           | ≥126 mm                    |
| Cable fitting   | M20x1.5                    |
| Cable diameter  | 10.2 mm                    |
| Cable diameter tolerance                              | ± 0.3 mm                   |
| Cable design  | 44 x 0.14 mm <sup>2</sup>  |
| Nominal conductor cross section                       | 0.14 mm <sup>2</sup>       |
| Wire ends   | Cut off bluntly            |
| Degree of protection                                  | IP65<br>IP67               |
| Note on degree of protection                          | In mounted state           |

| <b>Feature</b>                                       | <b>Value</b>                  |
|--|-------------------------------|
| Ambient temperature                                  | -35 °C ... 80 °C              |
| Ambient temperature with flexible cable installation | -5 °C ... 80 °C               |
| Storage temperature                                  | -35 °C ... 80 °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)                     | 2 - Moderate corrosion stress |
| Material of cable sheath                             | PVC                           |
| Color cable sheath                                   | Gray                          |
| Housing material                                     | PA66-GF30                     |
| Housing colour                                       | Black                         |
| Material of screws                                   | Steel                         |
| Seals material                                       | NBR                           |
| Material of pin contacts                             | Bronze<br>Gold-plated         |
| Insulating sheath material                           | PVC                           |