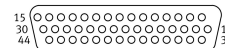


# Connecting cable NEBV-S1WA44-K-10-N-LE44-S9

Part number: 575422

FESTO



## Data sheet

| Feature                                        | Value                      |
|------------------------------------------------|----------------------------|
| Based on norm                                  | DIN 47100                  |
| Cable designation                              | Without label holder       |
| Contact durability                             | 50                         |
| Product weight                                 | 1660 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 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                                   | 10 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>       |

| Feature                                              | Value                         |
|------------------------------------------------------|-------------------------------|
| Wire ends                                            | Cut off bluntly               |
| Degree of protection                                 | IP65<br>IP67                  |
| Note on degree of protection                         | In mounted state              |
| 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                           |