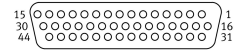


# Connecting cable NEBV-S1G44-K-2.5-N-LE44-S6

Part number: 575113

FESTO



## Data sheet

| Feature  | Value                            |
|--|----------------------------------|
| Based on standard                                    | DIN 47100                        |
| Cable designation                                    | Without inscription label holder |
| Frequency of connection                              | 50                               |
| Product weight                                       | 455 g                            |
| Electrical connection 1, function                    | Field device side                |
| Electrical connection 1, design                      | Angular                          |
| Electrical connection 1, connection type             | Socket                           |
| Electrical connection 1, cable outlet                | Straight                         |
| Electrical connection 1, connector system            | Sub-D                            |
| Electrical connection 1, number of connections/cores | 44                               |
| Electrical connection 1, used connections/cores      | 44                               |
| Electrical connection 1, type of mounting            | 2x screw 4-40 UNC                |
| Electrical connection 2, function                    | Controller side                  |
| Electrical connection 2, connection type             | Cable                            |
| Electrical connection 2, connector system            | Open end                         |
| Electrical connection 2, number of connections/cores | 44                               |
| Electrical connection 2, used connections/cores      | 44                               |
| Operational voltage range DC                         | 0 V...30 V                       |
| Current rating at 40° C                              | 0.86 A                           |
| Immunity to surge                                    | 2.4 kV                           |
| Reverse polarity protection                          | yes                              |
| Cable length   | 2.5 m                            |
| Cable characteristic                                 | Standard                         |
| Test conditions cable                                | Test conditions on request       |
| Bending radius, fixed cable                          | 42 mm                            |
| Bending radius, moving cable                         | 126 mm                           |
| Cable diameter                                       | 10.2 mm                          |
| Cable diameter tolerance                             | ± 0.3 mm                         |
| Cable structure                                      | 44 x 0.14 mm <sup>2</sup>        |
| Nominal cross section conductor                      | 0.14 mm <sup>2</sup>             |
| Wire ends  | Cut off bluntly                  |

| Feature                                      | Value                                |
|--|--------------------------------------|
| Degree of protection                         | IP40                                 |
| Note on degree of protection                 | In assembled state                   |
| Ambient temperature                          | -35 °C...80 °C                       |
| Ambient temperature with moving cable        | -5 °C...80 °C                        |
| Storage temperature                          | -25 °C...75 °C                       |
| CE mark (see declaration of conformity)      | In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions              |
| LABS (PWIS) conformity                       | VDMA24364-B2-L                       |
| Note on materials                            | RoHS-compliant                       |
| Pollution degree                             | 2                                    |
| Corrosion resistance class CRC               | 0 - No corrosion stress              |
| Material cable sheath                        | PVC                                  |
| Cable sheath colour                          | Grey                                 |
| Material housing                             | PC-reinforced                        |
| Housing colour                               | Black                                |
| Material screws                              | Nickel-plated brass                  |
| Material electrical contact                  | Bronze<br>Bronze                     |
| Material insulating sheath                   | PVC                                  |