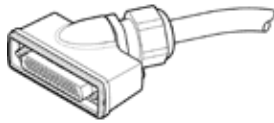
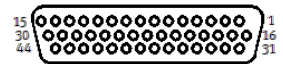


# connecting cable NEBV-S1WA44-K-5-N-LE44-S9

Part number: 575421

FESTO



## Data sheet

| Feature                                              | Value                            |
|------------------------------------------------------|----------------------------------|
| Based on the standard                                | DIN 47100                        |
| Cable identification                                 | Without inscription label holder |
| Connection frequency                                 | 50                               |
| Product weight                                       | 860 g                            |
| Electrical connection 1, function                    | Field device side                |
| Electrical connection 1, design                      | Angular                          |
| Electrical connection 1, connection type             | Plug 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            | 2 screws 4-40 UNC                |
| Electrical connection 2, function                    | Controller 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                               |
| Operating voltage range DC                           | 0 ... 30 V                       |
| Acceptable current load at 40°C                      | 0.86 A                           |
| Surge strength                                       | 2.4 kV                           |
| Polarity protected                                   | Yes                              |
| Cable length                                         | 5 m                              |
| Cable attribute                                      | Standard                         |
| Test conditions of cable                             | Test conditions on request       |
| Bending radius, fixed cable installation             | ≥ 42 mm                          |
| Bending radius, flexible cable installation          | ≥ 126 mm                         |
| Cable gland connection                               | M20x1,5                          |
| Cable diameter                                       | 10.2 mm                          |
| Cable diameter tolerance                             | ± 0,3 mm                         |
| Cable structure                                      | 44x0,14                          |
| Nominal conductor cross-section                      | 0.14 mm <sup>2</sup>             |
| Wire ends                                            | Cut off bluntly                  |
| Protection class                                     | IP65<br>IP67                     |
| Note on degree of protection                         | in assembled condition           |
| Ambient temperature                                  | -35 ... 80 °C                    |
| Ambient temperature with flexible cable installation | -5 ... 80 °C                     |
| Storage temperature                                  | -35 ... 80 °C                    |
| Materials note                                       | Conforms to RoHS                 |
| Degree of contamination                              | 3                                |
| Corrosion resistance classification CRC              | 2 - Moderate corrosion stress    |
| Material cable sheath                                | PVC                              |
| Cable sheath colour                                  | Grey                             |
| Material housing                                     | PA66-GF30                        |
| Housing colour                                       | Black                            |
| Material screws                                      | Steel                            |
| Material seals                                       | NBR                              |
| Material electrical contact                          | Bronze<br>Gold plated            |
| Material insulation                                  | PVC                              |