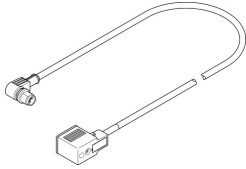


# Connecting cable NEBV-B2W3-K-0.6-N-M12W3

Part number: 3579464

FESTO



## Data sheet

| Feature                                               | Value                                                       |
|-------------------------------------------------------|-------------------------------------------------------------|
| Type code                                             | NEBV                                                        |
| Certification                                         | c CSA us (OL)                                               |
| Cable designation                                     | Without label holder                                        |
| Product weight                                        | 100 g                                                       |
| Electrical connection 1, function                     | Field device end                                            |
| Electrical connection 1, design                       | Rectangular                                                 |
| Electrical connection 1, connection type              | Socket                                                      |
| Electrical connection 1, cable outlet                 | Angled                                                      |
| Electrical connection 1, connection technology        | Connection diagram form B as per industrial standard, 11 mm |
| Electrical connection 1, number of pins/wires         | 3                                                           |
| Electrical connection 1, occupied pins/wires          | 3                                                           |
| Electrical connection 1, type of mounting             | On air solenoid valve with M3 central screw                 |
| Electrical connection for input 1, connection pattern | 00995619                                                    |
| Electrical connection 2, function                     | Control side                                                |
| Electrical connection 2, design                       | Round                                                       |
| Electrical connection 2, connection type              | Plug                                                        |
| Electrical connection 2, cable outlet                 | Angled                                                      |
| Electrical connection 2, connection technology        | M12x1 A-coded as per EN 61076-2-101                         |
| Electrical connection 2, number of pins/wires         | 5                                                           |
| Electrical connection 2, occupied pins/wires          | 3                                                           |
| Electrical connection 2, type of mounting             | Screw-type lock with hexagon, AF 13                         |
| Electrical connection 2, connection pattern           | 00995711                                                    |
| DC operating voltage range                            | 0 V ... 110 V                                               |
| Nominal operating voltage DC                          | 110 V                                                       |
| Operating voltage range AC                            | 0 V ... 110 V                                               |
| Nominal operating voltage AC                          | 110 V                                                       |
| Current rating at 40°C                                | 1 A                                                         |
| Surge resistance                                      | 1.5 kV                                                      |
| Protective earth connection                           | Available                                                   |
| Cable length                                          | 0.6 m                                                       |
| Cable characteristic                                  | Standard                                                    |
| Connector cable test conditions                       | Test conditions on request                                  |
| Cable diameter                                        | 5.9 mm                                                      |
| Cable diameter tolerance                              | ± 0.3 mm                                                    |
| Cable design                                          | 3 x 0.75 mm <sup>2</sup>                                    |
| Degree of protection                                  | IP67                                                        |

| Feature                                              | Value                                                          |
|------------------------------------------------------|----------------------------------------------------------------|
| Note on degree of protection                         | In mounted state                                               |
| Ambient temperature                                  | -25 °C ... 80 °C                                               |
| Ambient temperature with flexible cable installation | -25 °C ... 80 °C                                               |
| CE marking (see declaration of conformity)           | As per EU low voltage directive<br>As per EU RoHS directive    |
| Note on materials                                    | Contains paint-wetting impairment substances<br>RoHS-compliant |
| Contamination level                                  | 3                                                              |
| Corrosion resistance class (CRC)                     | 2 - Moderate corrosion stress                                  |
| Material of cable sheath                             | TPE-U(PUR)                                                     |
| Color cable sheath                                   | Gray                                                           |
| Housing material                                     | TPE-U(PUR)                                                     |
| Housing colour                                       | Black                                                          |
| Material of union nut                                | Die-cast zinc<br>Nickel-plated                                 |
| Insulating sheath material                           | PP                                                             |