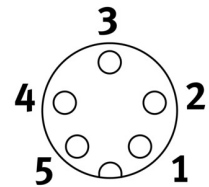


# Connecting cable KVI-CP-3-WS-WD-0,25

Part number: 540327

FESTO



## Data sheet

| Feature   | Value  |
|---|--|
| Type code   | KVI  |
| Additional functions                                  | Contact 3 of socket 1 mm leading                                 |
| Cable designation                                     | With accessories   |
| Contact durability                                    | 500  |
| Product weight  | 33.6 g   |
| Electrical connection 1, function                     | Field device end   |
| Electrical connection 1, design                       | Round  |
| Electrical connection 1, connection type              | Socket   |
| Electrical connection 1, cable outlet                 | Angled   |
| Electrical connection 1, connection technology        | M9x0.5   |
| Electrical connection 1, number of pins/wires         | 5  |
| Electrical connection 1, occupied pins/wires          | 5  |
| Electrical connection 1, type of mounting             | Screw-type lock  |
| Electrical connection for input 1, connection pattern | 00995398   |
| 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        | M9x0.5   |
| Electrical connection 2, number of pins/wires         | 5  |
| Electrical connection 2, occupied pins/wires          | 5  |
| Electrical connection 2, type of mounting             | Screw-type lock  |
| Electrical connection 2, connection pattern           | 00992012   |
| DC operating voltage range                            | 0 V ... 30 V   |
| Current rating at 40°C                                | 1.6 A  |
| Note on acceptable current load at 40°C               | 2.3 A for 0.34 mm <sup>2</sup><br>3.6 A for 0.49 mm <sup>2</sup> |
| Surge resistance                                      | 1.5 kV   |
| Cable length  | 0.25 m   |
| Cable characteristic                                  | Suitable for energy chains                                       |
| Connector cable test conditions                       | Test conditions on request                                       |
| Bending radius, flexible cable installation           | ≥75 mm   |
| Cable diameter  | 5.5 mm   |

| Feature  | Value  |
|--|--|
| Cable design   | 2 x 0.25 mm <sup>2</sup> + 2 x 0.34 mm <sup>2</sup> + 0.49 mm <sup>2</sup><br>Shielded |
| Nominal conductor cross section                      | 0.49 mm <sup>2</sup><br>0.25 mm <sup>2</sup><br>0.34 mm <sup>2</sup>                   |
| Degree of protection                                 | IP65<br>IP67   |
| Note on degree of protection                         | In mounted state   |
| Ambient temperature                                  | -20 °C ... 80 °C   |
| Ambient temperature with flexible cable installation | -5 °C ... 80 °C  |
| Note on materials                                    | RoHS-compliant   |
| Contamination level                                  | 1  |
| Corrosion resistance class (CRC)                     | 1 - Low corrosion stress   |
| Material of cable sheath                             | TPE-U(PUR)   |
| Color cable sheath                                   | Light gray   |
| Housing material                                     | PA<br>PBT<br>TPE-U(PUR)  |
| Housing colour                                       | Black  |
| Material of screw-type lock                          | Brass, nickel-plated   |
| Material of pin contacts                             | Bronze, gold-plated<br>Brass, gold-plated  |
| Insulating sheath material                           | TPE-U(PUR)   |