

# connecting cable KVI-CP-3-WS-WD-0,5

Part number: 540328

FESTO

For valve terminal CPV and CP electrical components CTEC.



## Data sheet

| Feature  | Value  |
|--|--|
| Additional functions                                 | Contact 3 of socket 1 mm leading                                     |
| Cable identification                                 | with accessories   |
| Connection frequency                                 | 500  |
| Product weight                                       | 45.4 g   |
| Electrical connection 1, function                    | Field device side  |
| Electrical connection 1, design                      | Round  |
| Electrical connection 1, connection type             | Plug 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 lock   |
| Electrical connection 2, function                    | Controller 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 lock   |
| Operating voltage range DC                           | 0 ... 30 V   |
| Acceptable current load 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 strength                                       | 1.5 kV   |
| Cable length   | 0.5 m  |
| Cable attribute                                      | Suitable for energy chains   |
| Test conditions of cable                             | Test conditions on request   |
| Bending radius, flexible cable installation          | ≥ 75 mm  |
| Cable diameter                                       | 5.5 mm   |
| Cable structure                                      | 2x0,25+2x0,34+0,49<br>Shielded                                       |
| Nominal conductor cross-section                      | 0.25 mm <sup>2</sup><br>0.34 mm <sup>2</sup><br>0.49 mm <sup>2</sup> |
| Protection class                                     | IP65<br>IP67   |
| Note on degree of protection                         | in assembled condition   |
| Ambient temperature                                  | -20 ... 80 °C  |
| Ambient temperature with flexible cable installation | -5 ... 80 °C   |
| CE mark (see declaration of conformity)              | in accordance with EU RoHS directive                                 |
| UKCA marking (see declaration of conformity)         | To UK RoHS instructions  |
| PWIS conformity                                      | VDMA24364-B2-L   |
| Materials note                                       | Conforms to RoHS   |

| Feature                                 | Value                                    |
|---|--|
| Degree of contamination                 | 1  |
| Corrosion resistance classification CRC | 1 - Low corrosion stress                 |
| Material cable sheath                   | TPE-U(PUR)                               |
| Cable sheath colour                     | light grey                               |
| Material housing                        | PA<br>PBT<br>TPE-U(PUR)                  |
| Housing colour                          | Black                                    |
| Material screw-type lock                | Nickel-plated brass                      |
| Material electrical contact             | Gold-plated bronze<br>Brass, gold-plated |
| Material insulation                     | TPE-U(PUR)                               |