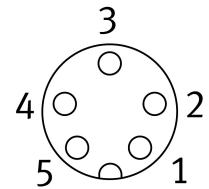


# Connecting cable KVI-CP-3-GS-GD-5

Part number: 540333

**FESTO**



## Data sheet

| Feature                                        | Value                                    |
|------------------------------------------------|------------------------------------------|
| Additional functions                           | Contact 3 of socket 1 mm leading         |
| Cable designation                              | With accessories                         |
| Contact durability                             | 500                                      |
| Product weight                                 | 255.4 g                                  |
| Electrical connection 1, function              | Field device side                        |
| Electrical connection 1, design                | Round                                    |
| Electrical connection 1, connection type       | Socket                                   |
| Electrical connection 1, cable outlet          | Straight                                 |
| 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 2, function              | Control side                             |
| Electrical connection 2, design                | Round                                    |
| Electrical connection 2, connection type       | Plug                                     |
| Electrical connection 2, cable outlet          | Straight                                 |
| 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                          |
| 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 mm²<br>3.6 A for 0.49 mm² |
| Surge resistance                               | 1.5 kV                                   |
| Shield                                         | Yes                                      |
| Cable length                                   | 5 m                                      |
| Cable characteristic                           | Suitable for energy chains               |
| Connector cable test conditions                | Test conditions on request               |
| Bending radius, flexible cable installation    | 75 mm                                    |

| Feature                                              | Value                                                                      |
|------------------------------------------------------|----------------------------------------------------------------------------|
| Cable diameter                                       | 5.5 mm                                                                     |
| Cable design                                         | 2 x 0.25 mm <sup>2</sup> + 2 x 0.34 mm <sup>2</sup> + 0.49 mm <sup>2</sup> |
| Nominal conductor cross section                      | 0.25 mm <sup>2</sup><br>0.34 mm <sup>2</sup><br>0.49 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                                                              |
| CE marking (see declaration of conformity)           | As per EU RoHS directive                                                   |
| UKCA marking (see declaration of conformity)         | To UK RoHS instructions                                                    |
| LABS (PWIS) conformity                               | VDMA24364-B2-L                                                             |
| 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                             | Gold-plated bronze<br>Gold-plated brass                                    |
| Insulating sheath material                           | TPE-U(PUR)                                                                 |