

# Connecting cable KMP4-9P-5-PUR

Part number: 193014

FESTO



## Data sheet

| Feature                                        | Value                      |
|------------------------------------------------|----------------------------|
| Based on norm                                  | DIN 41652                  |
| Cable designation                              | With accessories           |
| Contact durability                             | 50                         |
| Product weight                                 | 378 g                      |
| Electrical connection 1, function              | Field device side          |
| Electrical connection 1, design                | Square                     |
| Electrical connection 1, connection type       | Socket                     |
| Electrical connection 1, cable outlet          | Angled                     |
| Electrical connection 1, connection technology | Sub-D                      |
| Electrical connection 1, number of pins/wires  | 9                          |
| Electrical connection 1, occupied pins/wires   | 9                          |
| Electrical connection 1, type of mounting      | 2x M3 screw                |
| Electrical connection 2, function              | Control side               |
| Electrical connection 2, connection type       | Cable                      |
| Electrical connection 2, connection technology | Open end                   |
| Electrical connection 2, number of pins/wires  | 10                         |
| Electrical connection 2, occupied pins/wires   | 9                          |
| DC operating voltage range                     | 0 V...30 V                 |
| Nominal operating voltage DC                   | 24 V                       |
| Current rating at 40° C                        | 3 A                        |
| Surge resistance                               | 1 kV                       |
| Cable length                                   | 5 m                        |
| Cable characteristic                           | Suitable for energy chains |
| Connector cable test conditions                | Test conditions on request |
| Bending radius, fixed cable installation       | 23 mm                      |
| Bending radius, flexible cable installation    | 37 mm                      |
| Cable diameter                                 | 7 mm                       |
| Cable diameter tolerance                       | ± 0.4 mm                   |
| Cable design                                   | 10 x 0.25 mm <sup>2</sup>  |
| Nominal conductor cross section                | 0.25 mm <sup>2</sup>       |
| Wire ends                                      | Cut off bluntly            |

| Feature                                              | Value                    |
|------------------------------------------------------|--------------------------|
| Degree of protection                                 | IP65                     |
| Note on degree of protection                         | In mounted state         |
| Ambient temperature                                  | -40 °C...70 °C           |
| Ambient temperature with flexible cable installation | -40 °C...70 °C           |
| Storage temperature                                  | -25 °C...75 °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                                  | 3                        |
| Material of cable sheath                             | TPE-U(PUR)               |
| Color cable sheath                                   | Gray                     |
| Housing material                                     | PA                       |
| Housing colour                                       | Black                    |
| Seals material                                       | NBR                      |
| Material of pin contacts                             | Gold-plated copper alloy |