

# Connecting cable KMP4-9P-10-PUR

Part number: 193015

FESTO



 General operating condition

## Data sheet

| Feature  | Value                      |
|--|----------------------------|
| Based on standard                                    | DIN 41652                  |
| Cable designation                                    | With accessories           |
| Frequency of connection                              | 50                         |
| Product weight                                       | 723 g                      |
| Electrical connection 1, function                    | Field device side          |
| Electrical connection 1, design                      | Angular                    |
| Electrical connection 1, connection type             | Socket                     |
| Electrical connection 1, cable outlet                | Angled                     |
| Electrical connection 1, connector system            | Sub-D                      |
| Electrical connection 1, number of connections/cores | 9                          |
| Electrical connection 1, used connections/cores      | 9                          |
| Electrical connection 1, type of mounting            | 2x screw M3                |
| Electrical connection 1, connection pattern          | 00995638                   |
| Electrical connection 2, function                    | Controller side            |
| Electrical connection 2, connection type             | Cable                      |
| Electrical connection 2, connector system            | Open end                   |
| Electrical connection 2, number of connections/cores | 10                         |
| Electrical connection 2, used connections/cores      | 9                          |
| Operational voltage range DC                         | 0 V ... 30 V               |
| Nominal operating voltage DC                         | 24 V                       |
| Current rating at 40° C                              | 3 A                        |
| Immunity to surge                                    | 1 kV                       |
| Cable length   | 10 m                       |
| Cable characteristic                                 | Suitable for energy chains |
| Test conditions cable                                | Test conditions on request |
| Bending radius, fixed cable                          | ≥23 mm                     |
| Bending radius, moving cable                         | ≥37 mm                     |
| Cable diameter                                       | 7 mm                       |
| Cable diameter tolerance                             | ± 0.4 mm                   |
| Cable structure                                      | 10 x 0.25 mm <sup>2</sup>  |
| Nominal cross section conductor                      | 0.25 mm <sup>2</sup>       |
| Wire ends  | Cut off bluntly            |
| Degree of protection                                 | IP65                       |
| Note on degree of protection                         | In assembled state         |
| Ambient temperature                                  | -40 °C ... 70 °C           |
| Ambient temperature with moving cable                | -40 °C ... 70 °C           |

| <b>Feature</b>                               | <b>Value</b>                         |
|--|--------------------------------------|
| Storage temperature                          | -25 °C ... 75 °C                     |
| CE mark (see declaration of conformity)      | In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions              |
| LABS (PWIS) conformity                       | VDMA24364-B2-L                       |
| Note on materials                            | RoHS-compliant                       |
| Pollution degree                             | 3                                    |
| Material cable sheath                        | TPE-U(PUR)                           |
| Cable sheath colour                          | Grey                                 |
| Material housing                             | PA                                   |
| Housing colour                               | Black                                |
| Material seals                               | NBR                                  |
| Material electrical contact                  | Gold-plated copper alloy             |