

# Connecting cable KMP6-26P-16-5

Part number: 527547

FESTO



 General operating condition

## Data sheet

| Feature   | Value                      |
|---|----------------------------|
| Conforms to standard                                  | DIN 41652                  |
| Cable designation                                     | Without label holder       |
| Contact durability                                    | 50                         |
| Product weight  | 570 g                      |
| Electrical connection 1, function                     | Field device end           |
| Electrical connection 1, design                       | Rectangular                |
| Electrical connection 1, connection type              | Socket                     |
| Electrical connection 1, cable outlet                 | Straight                   |
| Electrical connection 1, connection technology        | Sub-D                      |
| Electrical connection 1, number of pins/wires         | 26                         |
| Electrical connection 1, occupied pins/wires          | 20                         |
| Electrical connection 1, type of mounting             | 2x screw, 4-40 UNC         |
| Electrical connection for input 1, connection pattern | 00995735                   |
| 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         | 20                         |
| Electrical connection 2, occupied pins/wires          | 20                         |
| DC operating voltage range                            | 0 V ... 30 V               |
| Nominal operating voltage DC                          | 24 V                       |
| Current rating at 40° C                               | 2.8 A                      |
| Surge resistance                                      | 1 kV                       |
| Cable length  | 5 m                        |
| Cable characteristic                                  | Standard                   |
| Connector cable test conditions                       | Test conditions on request |
| Bending radius, fixed cable installation              | ≥88 mm                     |
| Bending radius, flexible cable installation           | ≥132 mm                    |
| Cable diameter  | 8.8 mm                     |
| Cable diameter tolerance                              | ± 0.25 mm                  |
| Cable design  | 20 x 0.25 mm <sup>2</sup>  |
| Nominal conductor cross section                       | 0.25 mm <sup>2</sup>       |
| Wire ends   | Cut off bluntly            |
| Degree of protection                                  | IP40                       |
| Note on degree of protection                          | In mounted state           |
| Ambient temperature                                   | -25 °C ... 70 °C           |
| Ambient temperature with flexible cable installation  | -5 °C ... 70 °C            |

| <b>Feature</b>                               | <b>Value</b>              |
|--|---------------------------|
| 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                          | 2                         |
| Material of cable sheath                     | PVC                       |
| Color cable sheath                           | Gray                      |
| Housing material                             | PBT-reinforced            |
| Housing colour                               | Gray                      |
| Material of screw-type lock                  | Brass, nickel-plated      |
| Material of pin contacts                     | Copper alloy, gold-plated |