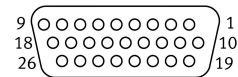


# Connecting cable KMP6-26P-16-2,5

Part number: 527546

**FESTO**



## Data sheet

| Feature                                        | Value                      |
|------------------------------------------------|----------------------------|
| Conforms to standard                           | DIN 41652                  |
| Cable designation                              | Without label holder       |
| Contact durability                             | 50                         |
| Product weight                                 | 280 g                      |
| Electrical connection 1, function              | Field device side          |
| Electrical connection 1, design                | Square                     |
| 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 4-40 UNC 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  | 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                                   | 2.5 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            |

| Feature                                              | Value                    |
|------------------------------------------------------|--------------------------|
| 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            |
| 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                             | Gold-plated copper alloy |