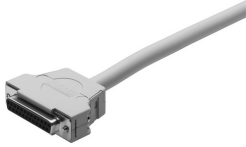


# Connecting cable KMP6-26P-16-2,5

Part number: 527546

FESTO



 General operating condition

## Data sheet

| Feature                                              | Value                            |
|------------------------------------------------------|----------------------------------|
| Conforms to standard                                 | DIN 41652                        |
| Cable designation                                    | Without inscription label holder |
| Frequency of connection                              | 50                               |
| Product weight                                       | 280 g                            |
| Electrical connection 1, function                    | Field device side                |
| Electrical connection 1, design                      | Angular                          |
| Electrical connection 1, connection type             | Socket                           |
| Electrical connection 1, cable outlet                | Straight                         |
| Electrical connection 1, connector system            | Sub-D                            |
| Electrical connection 1, number of connections/cores | 26                               |
| Electrical connection 1, used connections/cores      | 20                               |
| Electrical connection 1, type of mounting            | 2x screw 4-40 UNC                |
| Electrical connection 1, connection pattern          | 00995735                         |
| 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 | 20                               |
| Electrical connection 2, used connections/cores      | 20                               |
| Operational voltage range DC                         | 0 V ... 30 V                     |
| Nominal operating voltage DC                         | 24 V                             |
| Current rating at 40° C                              | 2.8 A                            |
| Immunity to surge                                    | 1 kV                             |
| Cable length                                         | 2.5 m                            |
| Cable characteristic                                 | Standard                         |
| Test conditions cable                                | Test conditions on request       |
| Bending radius, fixed cable                          | ≥88 mm                           |
| Bending radius, moving cable                         | ≥132 mm                          |
| Cable diameter                                       | 8.8 mm                           |
| Cable diameter tolerance                             | ± 0.25 mm                        |
| Cable structure                                      | 20 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                                 | IP40                             |
| Note on degree of protection                         | In assembled state               |
| Ambient temperature                                  | -25 °C ... 70 °C                 |
| Ambient temperature with moving cable                | -5 °C ... 70 °C                  |

| Feature                                    | Value                                |
|--------------------------------------------|--------------------------------------|
| Storage temperature                        | -25 °C ... 75 °C                     |
| CE mark (see declaration of conformity)    | In accordance with EU RoHS Directive |
| CE marking (see declaration of conformity) | To UK RoHS instructions              |
| LABS (PWIS) conformity                     | VDMA24364-B2-L                       |
| Note on materials                          | RoHS-compliant                       |
| Pollution degree                           | 2                                    |
| Material cable sheath                      | PVC                                  |
| Cable sheath colour                        | grey                                 |
| Material housing                           | PBT-reinforced                       |
| Housing colour                             | grey                                 |
| Material screw-type lock                   | Nickel-plated brass                  |
| Material electrical contact                | Gold-plated copper alloy             |