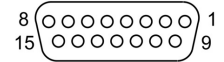


# Connecting cable KMP6-15P-12-5

Part number: 527544

FESTO



## Data sheet

| Feature                                               | Value                      |
|-------------------------------------------------------|----------------------------|
| Type code                                             | KMP6                       |
| Conforms to standard                                  | DIN 41652                  |
| Cable designation                                     | Without label holder       |
| Contact durability                                    | 50                         |
| Product weight                                        | 585 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         | 15                         |
| Electrical connection 1, occupied pins/wires          | 15                         |
| Electrical connection 1, type of mounting             | 2x screw, 4-40 UNC         |
| Electrical connection for input 1, connection pattern | 00995640                   |
| 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         | 15                         |
| Electrical connection 2, occupied pins/wires          | 15                         |
| 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              | ≥86 mm                     |
| Bending radius, flexible cable installation           | ≥129 mm                    |
| Cable diameter                                        | 8.6 mm                     |
| Cable diameter tolerance                              | ± 0.25 mm                  |
| Cable design                                          | 15 x 0.34 mm <sup>2</sup>  |
| Nominal conductor cross section                       | 0.34 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           |

| Feature                                              | Value                     |
|------------------------------------------------------|---------------------------|
| Ambient temperature with flexible cable installation | -5 °C ... 70 °C           |
| Storage temperature                                  | -20 °C ... 75 °C          |
| CE marking (see declaration of conformity)           | As per EU RoHS directive  |
| 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 |