

Connecting cable KMP3-25P-16-

Part number: 18699

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|---|----------------------------|
| Based on norm | DIN 41652 |
| Cable designation | With accessories |
| Contact durability | 50 |
| Electrical connection 1, function | Field device end |
| Electrical connection 1, design | Rectangular |
| Electrical connection 1, connection type | Socket |
| Electrical connection 1, cable outlet | Angled |
| Electrical connection 1, connection technology | Sub-D |
| Electrical connection 1, number of pins/wires | 25 |
| Electrical connection 1, occupied pins/wires | 18 |
| Electrical connection 1, type of mounting | 2x M3 screw |
| Electrical connection for input 1, connection pattern | 00995642 |
| 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 | 18 |
| Electrical connection 2, occupied pins/wires | 18 |
| DC operating voltage range | 0 V ... 30 V |
| Nominal operating voltage DC | 24 V |
| Current rating at 40° C | 3 A |
| Surge resistance | 1 kV |
| Cable length | 1 m ... 99 m |
| Cable characteristic | Standard |
| Connector cable test conditions | Test conditions on request |
| Bending radius, fixed cable installation | ≥45 mm |
| Bending radius, flexible cable installation | ≥90 mm |
| Cable diameter | 8.5 mm |
| Cable diameter tolerance | ± 0.5 mm |
| Cable design | 18 x 0.34 mm ² |
| Nominal conductor cross section | 0.34 mm ² |
| Wire ends | Cut off bluntly |
| Degree of protection | IP65 |
| Note on degree of protection | In mounted state |
| Ambient temperature | -25 °C ... 70 °C |
| Ambient temperature with flexible cable installation | -5 °C ... 70 °C |

| Feature | Value |
|--|---------------------------|
| 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 | 3 |
| Material of cable sheath | PVC |
| Color cable sheath | Gray |
| Housing material | PA |
| Seals material | NBR |
| Material of pin contacts | Copper alloy, gold-plated |