

Connecting cable KMP6-15P-12-2,5

Part number: 527543

FESTO



Data sheet

| Feature | Value |
|--|----------------------------|
| Conforms to standard | DIN 41652 |
| Cable designation | Without label holder |
| Contact durability | 50 |
| Product weight | 293 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 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 | 2.5 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 ² |
| Nominal conductor cross section | 0.34 mm ² |
| 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 | -20 °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 |