

Connecting cable KMP6-15P-12-5

Part number: 527544

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 | 585 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 | 15 |
| Electrical connection 1, used connections/cores | 15 |
| Electrical connection 1, type of mounting | 2x screw 4-40 UNC |
| Electrical connection 1, connection pattern | 00995640 |
| 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 | 15 |
| Electrical connection 2, used connections/cores | 15 |
| 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 | 5 m |
| Cable characteristic | Standard |
| Test conditions cable | Test conditions on request |
| Bending radius, fixed cable | ≥86 mm |
| Bending radius, moving cable | ≥129 mm |
| Cable diameter | 8.6 mm |
| Cable diameter tolerance | ± 0.25 mm |
| Cable structure | 15 x 0.34 mm ² |
| Nominal cross section conductor | 0.34 mm ² |
| 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 | -20 °C ... 75 °C |
| CE mark (see declaration of conformity) | In accordance with EU RoHS Directive |
| UKCA 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 |