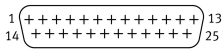
# Connecting cable
# VMPA-KMS2-8-5-PUR

Part number: 533505

FESTO






## Data sheet

| Feature | Value |
|---|---|
| Based on norm | DIN 41652 |
| Cable designation | With accessories |
| Contact durability | 50 |
| Product weight | 460 g |
| Electrical connection 1, function | Field device side |
| Electrical connection 1, design | Square |
| 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 | 9 |
| Electrical connection 1, type of mounting | 3x M3 screw |
| 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 | 10 |
| Electrical connection 2, occupied pins/wires | 9 |
| DC operating voltage range | 0 V...30 V |
| Nominal operating voltage DC | 24 V |
| Current rating | 3 A |
| Surge resistance | 1 kV |
| Cable length | 5 m |
| Cable characteristic | Suitable for energy chains |
| Connector cable test conditions | Test conditions on request |
| Bending radius, fixed cable installation | 21 mm |
| Bending radius, flexible cable installation | 35 mm |
| Cable fitting | M20x1.5 |
| Cable diameter | 7 mm |
| Cable design | 10 x 0.25 mm² |
| Nominal conductor cross section | 0.25 mm² |
| Wire ends | Cut off bluntly |

| Feature | Value |
|---|---|
| Degree of protection | IP65<br>As per IEC 60529 |
| Note on degree of protection | In mounted state |
| Ambient temperature | -25 °C...80 °C |
| Ambient temperature with flexible cable installation | -25 °C...80 °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 |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| Material of cable sheath | TPE-U(PUR) |
| Color cable sheath | Gray |
| Housing material | PA |
| Housing colour | Gray |
| Material of union nut | PA |
| Seals material | CR<br>NBR |
| Material of pin contacts | Gold-plated copper alloy |