

Connecting cable SIM-K-WD-10-PU

Part number: 192963

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|--|---|
| Conforms to standard | Wire colours and connection numbers to EN 60947-5-2 EN 61076-2-104 EN 61984 |
| Cable designation | Without inscription label holder |
| Frequency of connection | 100 |
| Electrical connection 1, function | Field device side |
| Electrical connection 1, design | Round |
| Electrical connection 1, connection type | Socket |
| Electrical connection 1, cable outlet | Angled |
| Electrical connection 1, connector system | M8 snap-locking A-coded to EN 61076-2-104 |
| Electrical connection 1, number of connections/cores | 3 |
| Electrical connection 1, used connections/cores | 3 |
| Electrical connection 1, type of mounting | Snap-in locking |
| Electrical connection 1, connection pattern | 00991871 |
| 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 | 3 |
| Electrical connection 2, used connections/cores | 3 |
| Operational voltage range DC | 0 V ... 60 V |
| Operational voltage range AC | 0 V ... 60 V |
| Current rating at 40° C | 3 A |
| Immunity to surge | 1.5 kV |
| Cable length | 10 m |
| Cable characteristic | Standard |
| Test conditions cable | Bending strength: to Festo standard Test conditions on request Energy chain: > 5 million cycles, bending radius 28 mm |
| Bending radius, fixed cable | ≥23 mm |
| Bending radius, moving cable | ≥46 mm |
| Cable diameter | 4.5 mm |
| Cable diameter tolerance | ± 0.1 mm |
| Cable structure | 3 x 0.25 mm ² |
| Nominal cross section conductor | 0.25 mm ² |
| Wire ends | Wire end sleeve |
| Degree of protection | IP65 IP67 |

| Feature | Value |
|--|---|
| Note on degree of protection | In assembled state |
| Ambient temperature | -25 °C ... 70 °C |
| Ambient temperature with moving cable | -5 °C ... 70 °C |
| Storage temperature | -25 °C ... 70 °C |
| CE mark (see declaration of conformity) | To EU Low Voltage Directive In accordance with EU RoHS Directive |
| CE marking (see declaration of conformity) | To UK RoHS instructions To UK regulations for electrical equipment |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Note on materials | RoHS-compliant Free of halogen |
| Pollution degree | 3 |
| Corrosion resistance class CRC | 4 - Very high corrosion stress |
| Material cable sheath | TPE-U(PUR) |
| Cable sheath colour | grey |
| Material housing | TPE-U(PUR) |
| Housing colour | Black |
| Material seals | NBR |
| Material electrical contact | Gold-plated brass |
| Material insulating sheath | PP |