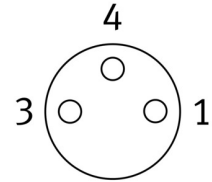


Connecting cable SIM-M8-3WD-5-PU

Part number: 159423

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|--|---|
| Conforms to standard | EN 61076-2-104 EN 61984 |
| Electrical connection | 3-pin/3-wire Angled socket/open end M8x1/- |
| Symbol | 00991871 |
| Operational voltage range DC | 0 V ... 60 V |
| Operational voltage range AC | 0 V ... 60 V |
| Current rating at 40° C | 4 A |
| Immunity to surge | 1.5 kV |
| Cable length | 5 m |
| Cable characteristic | Standard |
| Test conditions cable | Bending strength: to Festo standard Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm |
| Cable diameter | 3.8 mm |
| Cable structure | 3 x 0.25 mm ² |
| Nominal cross section conductor | 0.25 mm ² |
| Colour code wire insulation | Blue Brown Black |
| Degree of protection | IP65 IP68 |
| Ambient temperature | -25 °C ... 80 °C |
| Ambient temperature with moving cable | -5 °C ... 80 °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 Free of phosphoric acid ester |
| Pollution degree | 3 |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| Material cable sheath | TPE-U(PU) |

| Feature | Value |
|-----------------------------|---------------------|
| Cable sheath colour | grey |
| Material housing | TPE-U(PU) |
| Housing colour | Black |
| Material union nut | Nickel-plated brass |
| Material seals | NBR |
| Material electrical contact | Gold-plated brass |
| Material insulating sheath | PP |