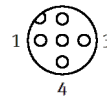
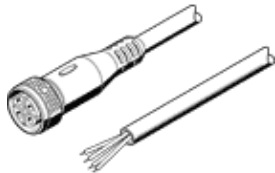


connecting cable SIM-M12-4GD-5-PU

Part number: 164259

FESTO

For sensors and proximity switches.



Data sheet

| Feature | Value |
|--|--|
| Conforms to standard | EN 61076-2-101 EN 61984 |
| Electrical connection | 5-pin/4-wire Straight socket/open end M12x1 / - |
| Plug coding | A |
| Operating voltage range DC | 0 ... 250 V |
| Operating voltage range AC | 0 ... 250 V |
| Acceptable current load at 40°C | 4 A |
| Surge strength | 2.5 kV |
| Cable length | 5 m |
| Cable attribute | Standard |
| Test conditions of cable | Bending strength according to Festo standard Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm |
| Cable diameter | 4.5 mm |
| Cable structure | 4x0,25 |
| Nominal conductor cross-section | 0.25 mm ² |
| Colour code, core insulation | blue brown Black white |
| Protection class | IP65 IP68 |
| Ambient temperature | -25 ... 80 °C |
| Ambient temperature with flexible cable installation | -5 ... 80 °C |
| CE mark (see declaration of conformity) | to EU directive low-voltage devices in accordance with EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK instructions for electrical equipment To UK RoHS instructions |
| PWIS conformity | VDMA24364-B2-L |
| Materials note | Conforms to RoHS Halogen-free Free of phosphoric acid ester |
| Degree of contamination | 3 |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| Material cable sheath | TPE-U(PU) |
| Cable sheath colour | Grey |
| Material housing | TPE-U(PU) |
| Housing colour | Black |
| Material of union nut | Nickel-plated brass |
| Material seals | NBR |
| Material electrical contact | Brass, gold-plated |
| Material insulation | PP |