

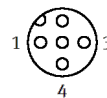
# connecting cable

## SIM-M12-3GD-2,5-PU

Part number: 159428

FESTO

For sensors and proximity switches.



## Data sheet

Feature	Value
Conforms to standard	EN 61076-2-101 EN 61984
Electrical connection	5-pin / 3-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	2.5 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	3.8 mm
Cable structure	3x0,25
Nominal conductor cross-section	0.25 mm <sup>2</sup>
Colour code, core insulation	blue brown Black
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