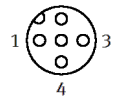


# Connecting cable SIM-M12-3GD-2,5-PU

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>
Color 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 symbol (see declaration of conformity)	according to EU low voltage guideline 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 color	Grey
Material housing	TPE-U(PU)
Housing color	Black
Material of union nut	Nickel-plated brass
Material seals	NBR
Material electrical contact	Brass, gold-plated
Material insulation	PP