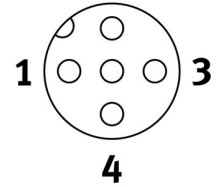


# Connecting cable SIM-M12-3GD-5-PU

Part number: 159429

FESTO



## Data sheet

Feature	Value
Type code	SIM
Conforms to standard	EN 61076-2-101 EN 61984
Electrical connection	5-pin/3-wire Straight socket/open end M12x1 / -
DC operating voltage range	0 V ... 250 V
Operating voltage range AC	0 V ... 250 V
Current rating at 40°C	4 A
Surge resistance	2.5 kV
Cable length	5 m
Cable characteristic	Standard
Connector cable test conditions	Flexural strength: as per Festo standard Test conditions on request Cable chain: 5 million cycles, bending radius 75 mm
Cable diameter	3.8 mm
Cable design	3 x 0.25 mm <sup>2</sup>
Nominal conductor cross section	0.25 mm <sup>2</sup>
Wire insulation color code	Blue Brown Black
Degree of protection	IP65 IP68
Ambient temperature	-25 °C ... 80 °C
Ambient temperature with flexible cable installation	-5 °C ... 80 °C
CE marking (see declaration of conformity)	As per EU low voltage directive As per EU RoHS directive
Note on materials	RoHS-compliant Halogen-free Free of phosphoric acid ester
Contamination level	3
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Material of cable sheath	TPE-U(PU)
Color cable sheath	Gray
Housing material	TPE-U(PU)
Housing colour	Black

<b>Feature</b>	<b>Value</b>
Material of union nut	Brass Nickel-plated
Seals material	NBR
Material of pin contacts	Brass, gold-plated
Insulating sheath material	PP
Symbol	00991867
Plug coding	A