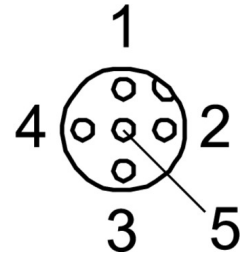


Connecting cable SIM-M12-5GD-2,5-PU

Part number: 175715

FESTO



Data sheet

Feature	Value
Type code	SIM
Conforms to standard	EN 61076-2-101 EN 61984
Electrical connection	5-pin/5-wire Straight socket/open end M12x1 / -
Plug coding	A
Symbol	00991870
DC operating voltage range	0 V ... 60 V
Operating voltage range AC	0 V ... 60 V
Current rating at 40°C	4 A
Surge resistance	1.5 kV
Cable length	2.5 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	4.5 mm
Cable design	5 x 0.25 mm ²
Nominal conductor cross section	0.25 mm ²
Wire insulation color code	Blue Brown Gray Black White
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)

Feature	Value
Color cable sheath	Gray
Housing material	TPE-U(PU)
Housing colour	Black
Material of union nut	Brass Nickel-plated
Seals material	NBR
Material of pin contacts	Brass, gold-plated
Insulating sheath material	PP