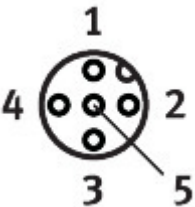


Connecting cable SIM-M12-5GD-2,5-PU

Part number: 175715

FESTO



Data sheet

Feature	Value
Conforms to standard	EN 61076-2-101 EN 61984
Electrical connection	5-pin/5-wire Straight socket/open end M12x1 / -
Plug coding	A
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 Energy 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
UKCA marking (see declaration of conformity)	To UK RoHS instructions To UK instructions for electrical equipment
LABS (PWIS) conformity	VDMA24364-B2-L

Feature	Value
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
Material of union nut	Brass, nickel-plated
Seals material	NBR
Material of pin contacts	Brass, gold-plated
Insulating sheath material	PP