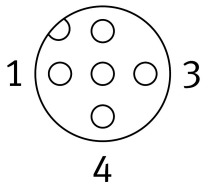


**Connecting cable**  
**SIM-M12-3WD-5-PSL-PU**  
Part number: 159433

**FESTO**



**Data sheet**

Feature	Value
Conforms to standard	EN 61076-2-101 EN 61984
Ready status indication	LED green
Switching status indication	LED yellow
Electrical connection	5-pin/3-wire Angled socket/open end M12x1 / -
Plug coding	A
DC operating voltage range	10 V...30 V
Current rating at 40° C	4 A
Surge resistance	0.8 kV
Cable length	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	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 RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant Halogen-free Free of phosphoric acid ester

Feature	Value
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