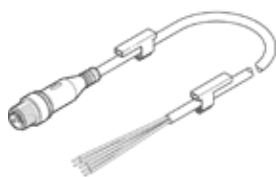


connecting cable

NEBU-LE5-K-1-M12G5

Part number: 569840

FESTO



Data sheet

Feature	Value
Conforms to standard	EN 61076-2-101
Cable identification	with 2x label holders
Product weight	41 g
Electrical connection 1, function	Field device side
Electrical connection 1, connection type	Cable
Electrical connection 1, connection technology	Open end
Electrical connection 1, number of pins/wires	5
Electrical connection 1, occupied pins/wires	5
Electrical connection 2, function	Controller side
Electrical connection 2, design	Round
Electrical connection 2, connection type	Plug
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection 2, number of pins/wires	5
Electrical connection 2, occupied pins/wires	5
Electrical connection 2, type of mounting	Screw lock
Operating voltage range DC	0 ... 60 V
Operating voltage range AC	0 ... 60 V
Acceptable current load at 40°C	4 A
Surge strength	1.5 kV
Cable length	1 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
Bending radius, fixed cable installation	14 mm
Bending radius, flexible cable installation	46 mm
Cable diameter	4.5 mm
Cable diameter tolerance	± 0,1 mm
Cable structure	5x0,25
Nominal conductor cross-section	0.25 mm ²
Protection class	IP65 IP68 IP69K
Note on degree of protection	in assembled condition
Special characteristics	Oil resistant
Ambient temperature	-25 ... 70 °C
Ambient temperature with flexible cable installation	-5 ... 70 °C
CE mark (see declaration of conformity)	to EU directive low-voltage devices 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

Feature	Value
Degree of contamination	3
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Grey
Material housing	TPE-U(PUR)
Housing colour	Black
Material screw-type lock	Nickel-plated brass
Material electrical contact	Gold-plated copper alloy
Material insulation	PP