

Connecting cable NEBU-LE3-K-1-N-M12G3

Part number: 8091515

FESTO



Data sheet

Feature	Value
Type code	NEBU
Conforms to standard	Wire colors and connection numbers as per EN 60947-5-2 EN 61076-2-101
Explosion prevention and protection	Observe the information on the certificate Zone 2 (ATEX) Zone 22 (ATEX)
Cable designation	Without label holder
Product weight	35 g
Electrical connection 1, function	Field device end
Electrical connection 1, connection type	Cable
Electrical connection 1, connection technology	Open end
Electrical connection 1, number of pins/wires	3
Electrical connection 1, occupied pins/wires	3
Electrical connection 2, function	Control 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 as per EN 61076-2-101
Electrical connection 2, number of pins/wires	3
Electrical connection 2, occupied pins/wires	3
Electrical connection 2, type of mounting	Screw-type lock
Electrical connection 2, connection pattern	00995573
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	1 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
Bending radius, fixed cable installation	12 mm
Bending radius, flexible cable installation	39 mm
Cable diameter	3.8 mm
Cable diameter tolerance	± 0.1 mm
Cable design	3 x 0.25 mm ²
Nominal conductor cross section	0.25 mm ²

Feature	Value
Degree of protection	IP65 IP68 IP69K
Note on degree of protection	In mounted state
Special features	Oil-resistant
Ambient temperature	-25 °C ... 70 °C
Ambient temperature with flexible cable installation	-5 °C ... 70 °C
CE marking (see declaration of conformity)	As per EU low voltage directive As per EU RoHS directive
Note on materials	Free of copper and PTFE 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(PUR)
Color cable sheath	Gray
Housing material	TPE-U(PUR)
Housing colour	Black
Material of screw-type lock	Brass, nickel-plated
Material of pin contacts	Copper alloy, gold-plated
Insulating sheath material	PP