

# Connecting cable NEBS-L1G4-K-1-N-M12G4

Part number: 8091514

FESTO



 General operating condition

## Data sheet

Feature	Value
Cable designation	Without label holder
Contact durability	100
Product weight	40 g
Electrical connection 1, function	Field device end
Electrical connection 1, design	Rectangular
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	Connection diagram L1J
Electrical connection 1, number of pins/wires	4
Electrical connection 1, occupied pins/wires	4
Electrical connection 1, type of mounting	Snap-locking
Electrical connection for input 1, connection pattern	00995720
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	4
Electrical connection 2, occupied pins/wires	4
Electrical connection 2, type of mounting	Screw-type lock with hexagon AF 13 and longitudinal knurl
Electrical connection 2, connection pattern	00995386
DC operating voltage range	0 V ... 30 V
Current rating at 40° C	1 A
Surge resistance	0.8 kV
Cable length	1 m
Cable characteristic	Standard
Connector cable test conditions	Test conditions on request
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 design	4 x 0.25 mm <sup>2</sup>
Nominal conductor cross section	0.25 mm <sup>2</sup>
Degree of protection	IP65 IP67 IP69K

Feature	Value
Note on degree of protection	IP40 for plug connection pattern L1J In mounted state
Ambient temperature	-20 °C ... 60 °C
Ambient temperature with flexible cable installation	-5 °C ... 60 °C
Storage temperature	-20 °C ... 60 °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
Contamination level	2
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Gray
Housing material	PA TPE-U(PUR)
Housing colour	Black White
Material of screw-type lock	Brass, nickel-plated
Material of pin contacts	Tin-plated bronze Brass, gold-plated
Insulating sheath material	PP