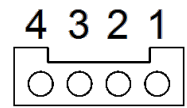
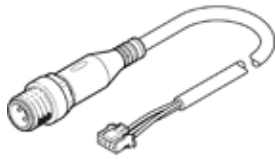


connecting cable

NEBS-L1G4-K-1-N-M12G4

Part number: 8091514

FESTO



Data sheet

Feature	Value
Cable identification	Without inscription label holder
Connection frequency	100
Product weight	40 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Angular
Electrical connection 1, connection type	Plug socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	Connection pattern L1J
Electrical connection 1, number of pins/wires	4
Electrical connection 1, occupied pins/wires	4
Electrical connection 1, type of mounting	Snap-in locking
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	4
Electrical connection 2, occupied pins/wires	4
Electrical connection 2, type of mounting	Screw-type lock with hex A/F 13 mm and longitudinal knurl
Operating voltage range DC	0 ... 30 V
Acceptable current load at 40°C	1 A
Surge strength	0.8 kV
Cable length	1 m
Cable attribute	Standard
Test conditions of cable	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 structure	4x0,25
Nominal conductor cross-section	0.25 mm ²
Protection class	IP65 IP67 IP69K
Note on degree of protection	IP40 for plug connection pattern L1J in assembled condition
Ambient temperature	-20 ... 60 °C
Ambient temperature with flexible cable installation	-5 ... 60 °C
Storage temperature	-20 ... 60 °C
CE mark (see declaration of conformity)	in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
PWIS conformity	VDMA24364-B2-L
Materials note	Conforms to RoHS Halogen-free
Degree of contamination	2
Corrosion resistance classification CRC	2 - Moderate corrosion stress

Feature	Value
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Grey
Material housing	PA TPE-U(PUR)
Housing colour	Black white
Material screw-type lock	Nickel-plated brass
Material electrical contact	Tin-plated bronze Brass, gold-plated
Material insulation	PP