

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

Part number: 8091514

FESTO



 General operating condition

Data sheet

Feature	Value
Cable designation	Without inscription label holder
Frequency of connection	100
Product weight	40 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Angular
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connector system	Connection pattern L1J
Electrical connection 1, number of connections/cores	4
Electrical connection 1, used connections/cores	4
Electrical connection 1, type of mounting	Snap-locking
Electrical connection 1, connection pattern	00995720
Electrical connection 2, function	Controller side
Electrical connection 2, design	Round
Electrical connection 2, connection type	Plugs
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 2, number of connections/cores	4
Electrical connection 2, used connections/cores	4
electrical connection 2, type of mounting	Screw-type lock with 13 mm hexagon and longitudinal knurl
Electrical connection 2, connection pattern	00995386
Operational voltage range DC	0 V ... 30 V
Current rating at 40° C	1 A
Immunity to surge	0.8 kV
Cable length	1 m
Cable characteristic	Standard
Test conditions cable	Test conditions on request
Bending radius, fixed cable	≥14 mm
Bending radius, moving cable	≥46 mm
Cable diameter	4.5 mm
Cable diameter tolerance	± 0.1 mm
Cable structure	4 x 0.25 mm ²
Nominal cross section conductor	0.25 mm ²
Degree of protection	IP65 IP67 IP69K

Feature	Value
Note on degree of protection	IP40 for plug connection pattern L1J In assembled state
Ambient temperature	-20 °C ... 60 °C
Ambient temperature with moving cable	-5 °C ... 60 °C
Storage temperature	-20 °C ... 60 °C
CE mark (see declaration of conformity)	In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant Free of halogen
Pollution degree	2
Corrosion resistance class CRC	2 - Moderate corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Grey
Material housing	TPE-U(PUR)
Housing colour	Black White
Material screw-type lock	Nickel-plated brass
Material electrical contact	Bronze, tin-plated Gold-plated brass
Material insulating sheath	PP