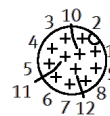


# Connecting cable

## NEBS-SM12G12-E-0.5-N-LE12

Part number: 3947401

FESTO



## Data sheet

Feature	Value
Conforms to standard	EN 61076-2-101
Cable identification	with accessories
Connection frequency	100
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Plug
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection 1, number of pins/wires	12
Electrical connection 1, occupied pins/wires	12
Electrical connection 1, type of mounting	Screw locking with hex SW13
Electrical connection 2, function	Controller side
Electrical connection 2, connection type	Cable
Electrical connection 2, connection technology	Open end
Electrical connection 2, number of pins/wires	12
Electrical connection 2, occupied pins/wires	12
Operating voltage range DC	0 ... 30 V
Operating voltage range AC	0 ... 30 V
Acceptable current load at 40°C	1.5 A
Surge strength	0.5 kV
Cable length	0.5 m
Cable attribute	Suitable for energy chains
Test conditions of cable	Test conditions on request
Bending radius, fixed cable installation	≥ 32 mm
Bending radius, flexible cable installation	≥ 65 mm
Cable diameter	6.5 mm
Cable structure	12x0,25
Nominal conductor cross-section	0.25 mm <sup>2</sup>
Wire ends	Cut off bluntly
Protection class	IP67
Note on degree of protection	in assembled condition
Ambient temperature	-5 ... 70 °C
Ambient temperature with flexible cable installation	-5 ... 70 °C
CE symbol (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
Degree of contamination	3
Corrosion resistance classification CRC	1 - Low corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath color	Black
Material housing	TPE-U(PUR)
Housing color	Black
Material screw-type lock	Nickel-plated die-cast zinc
Material electrical contact	Brass, gold-plated