Connecting cable
NEBS-SM12G12-E-5-N-LE12
Part number: 3947395
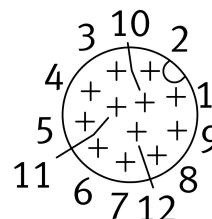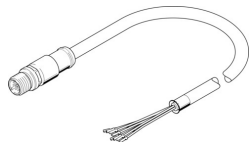
Data sheet

Feature	Value
Conforms to standard	EN 61076-2-101
Cable designation	With accessories
Contact durability	100
Electrical connection 1, function	Field device end
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 as per 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-type lock with hexagon, AF 13
Electrical connection 2, function	Control 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
DC operating voltage range	0 V...30 V
Operating voltage range AC	0 V...30 V
Current rating at 40° C	1.5 A
Surge resistance	0.5 kV
Cable length	5 m
Cable characteristic	Suitable for energy chains
Connector cable test conditions	Test conditions on request
Bending radius, fixed cable installation	32 mm
Bending radius, flexible cable installation	65 mm
Cable diameter	6.5 mm
Cable design	12 x 0.25 mm²
Nominal conductor cross section	0.25 mm²
Wire ends	Cut off bluntly
Degree of protection	IP67

Feature	Value
Note on degree of protection	In mounted state
Ambient temperature	-5 °C...70 °C
Ambient temperature with flexible cable installation	-5 °C...70 °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
Contamination level	3
Corrosion resistance class (CRC)	1 - Low corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Black
Housing material	TPE-U(PUR)
Housing colour	Black
Material of screw-type lock	Die-cast zinc, nickel-plated
Material of pin contacts	Brass, gold-plated