

# Connecting cable

## NEBC-M12G5-ES-5-LE5-CO

Part number: 8074191

FESTO



 General operating condition

## Data sheet

Feature	Value
Protocol	DeviceNet
Cable designation	With 2x label holder
Contact durability	100
Product weight	310.7 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Socket
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	5
Electrical connection 1, occupied pins/wires	5
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection for input 1, connection pattern	00995384
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	5
Electrical connection 2, occupied pins/wires	5
DC operating voltage range	0 V ... 30 V
Current rating at 40° C	4 A
Surge resistance	2 kV
Shield	Yes
Cable length	5 m
Cable characteristic	Suitable for energy chains
Connector cable test conditions	Test conditions on request
Bending radius, fixed cable installation	≥35 mm
Bending radius, flexible cable installation	≥70 mm
Cable diameter	6.7 mm
Cable diameter tolerance	± 0.3 mm
Cable design	$(2 \times 0.34 \text{ mm}^2) + (2 \times 0.25 \text{ mm}^2) + 0.34 \text{ mm}^2$
Nominal conductor cross section	0.34 mm <sup>2</sup>
Wire ends	Stripped
Degree of protection	IP65 IP67
Note on degree of protection	In mounted state
Ambient temperature	-25 °C ... 80 °C

<b>Feature</b>	<b>Value</b>
Ambient temperature with flexible cable installation	-20 °C ... 80 °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
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Reddish purple
Housing material	Reinforced TPU
Housing colour	Black
Material of screw-type lock	Die-cast zinc, nickel-plated
Seals material	NBR
Material of pin contacts	Brass, nickel-plated and gold-plated
Insulating sheath material	Protective grounding