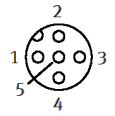


# Connecting cable

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

Part number: 8074191

FESTO



## Data sheet

Feature	Value
Protocol	CANopen DeviceNet
Cable identification	with 2x label holders
Connection frequency	100
Product weight	310.7 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Plug socket
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	5
Electrical connection 1, occupied pins/wires	5
Electrical connection 1, type of mounting	Screw lock
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	5
Electrical connection 2, occupied pins/wires	5
Operating voltage range DC	0 ... 30 V
Acceptable current load at 40°C	4 A
Surge strength	2 kV
Cable length	5 m
Cable attribute	Suitable for energy chains
Test conditions of cable	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 structure	(2x0,34)+(2x0,25)+0,34 Shielded
Nominal conductor cross-section	0.25 mm <sup>2</sup> 0.34 mm <sup>2</sup>
Wire ends	Sheath removed
Protection class	IP65 IP67
Note on degree of protection	in assembled condition
Ambient temperature	-25 ... 80 °C
Ambient temperature with flexible cable installation	-20 ... 80 °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
Material cable sheath	TPE-U(PUR)
Cable sheath color	Red lilac
Material housing	Reinforced TPE-U(PUR),

<b>Feature</b>	<b>Value</b>
Housing color	Black
Material screw-type lock	Nickel-plated die-cast zinc
Material seals	NBR
Material electrical contact	Nickel-plated and gold-plated brass
Material insulation	PE