

# Connecting cable NEBC-M12G8-E-10-N-B-LE8

Part number: 8094482

FESTO



## Data sheet

Feature	Value
Based on norm	EN 61076-2-101
Certification	c UL us - Listed (OL)
Certificate issuing authority	UL E474609
Cable designation	Without label holder
Product weight	489 g
Electrical connection 1, function	Field device end
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	8
Electrical connection 1, occupied pins/wires	8
Electrical connection 1, type of mounting	Screw-type lock
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	8
Electrical connection 2, occupied pins/wires	8
DC operating voltage range	0 V...30 V
Operating voltage range AC	0 V...30 V
Current rating at 40° C	2 A
Surge resistance	0.8 kV
Shield	no
Cable length	10 m
Cable characteristic	Suitable for energy chains
Connector cable test conditions	Test conditions on request
Bending radius, fixed cable installation	30 mm
Bending radius, flexible cable installation	30 mm
Cable diameter	6 mm
Cable diameter tolerance	± 0.2 mm
Cable design	8 x 0.25 mm <sup>2</sup>

<b>Feature</b>	<b>Value</b>
Nominal conductor cross section	0.25 mm <sup>2</sup>
Wire ends	Stripped
Degree of protection	IP65 IP67
Note on degree of protection	In mounted state
Ambient temperature	-25 °C...90 °C
Ambient temperature with flexible cable installation	-25 °C...90 °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)	2 - Moderate corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	silver-grey
Housing material	TPE-U(PUR)
Housing colour	Black
Material of screw-type lock	Die-cast zinc, nickel-plated
Seals material	NBR
Material of pin contacts	Brass
Insulating sheath material	PP