

# Connecting cable NEBC-M12G8-E-2-N-B-LE8

Part number: 8094480

**FESTO**



## Data sheet

Feature	Value
Based on standard	EN 61076-2-101
Approval	c UL us listed (OL)
Certificate issuing authority	UL E474609
Cable designation	Without inscription label holder
Product weight	105 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, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 1, number of connections/cores	8
Electrical connection 1, used connections/cores	8
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection 2, function	Controller side
Electrical connection 2, connection type	Cable
Electrical connection 2, connector system	Open end
Electrical connection 2, number of connections/cores	8
Electrical connection 2, used connections/cores	8
Operational voltage range DC	0 V...30 V
Operational voltage range AC	0 V...30 V
Current rating at 40° C	2 A
Immunity to surge	0.8 kV
Shielding	no
Cable length	2 m
Cable characteristic	Suitable for energy chains
Test conditions cable	Test conditions on request
Bending radius, fixed cable	30 mm
Bending radius, moving cable	30 mm
Cable diameter	6 mm
Cable diameter tolerance	± 0.2 mm

Feature	Value
Cable structure	8 x 0.25 mm <sup>2</sup>
Nominal cross section conductor	0.25 mm <sup>2</sup>
Wire ends	Sheath removed
Degree of protection	IP65 IP67
Note on degree of protection	In assembled state
Ambient temperature	-25 °C...90 °C
Ambient temperature with moving cable	-25 °C...90 °C
CE mark (see declaration of conformity)	In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant
Pollution degree	3
Corrosion resistance class CRC	2 - Moderate corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Silver-grey
Material housing	TPE-U(PUR)
Housing colour	Black
Material screw-type lock	Die-cast zinc, nickel-plated
Material seals	NBR
Material electrical contact	Brass
Material insulating sheath	PP