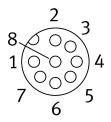
Connecting cable NEBC-M12G8-E-2-N-B-LE8

Part number: 8094480





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	105 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 V30 V	
Operating voltage range AC	0 V30 V	
Current rating at 40° C	2 A	
Surge resistance	0.8 kV	
Shield	no	
Cable length	2 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	

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Feature	Value
Cable design	8 x 0.25 mm ²
Nominal conductor cross section	0.25 mm ²
Wire ends	Stripped
Degree of protection	IP65 IP67
Note on degree of protection	In mounted state
Ambient temperature	-25 °C90 °C
Ambient temperature with flexible cable installation	-25 °C90 °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	РР