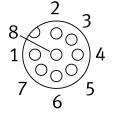
Connecting cable NEBC-M12W8-E-10-N-M12G8

Part number: 8080788





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	496 g	
Electrical connection 1, function	Field device end	
Electrical connection 1, design	Round	
Electrical connection 1, connection type	Socket	
Electrical connection 1, cable outlet	Angled	
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, design	Round	
Electrical connection 2, connection type	Plug	
Electrical connection 2, cable outlet	Straight	
Electrical connection 2, connection technology	M12x1 A-coded as per EN 61076-2-101	
Electrical connection 2, number of pins/wires	8	
Electrical connection 2, occupied pins/wires	8	
Electrical connection 2, type of mounting	Screw-type lock	
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	10 m	
Cable characteristic	Suitable for energy chains	
Connector cable test conditions	Test conditions on request	
Bending radius, fixed cable installation	30 mm	

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Feature	Value
Bending radius, flexible cable installation	30 mm
Cable diameter	6 mm
Cable diameter tolerance	± 0.2 mm
Cable design	8 x 0.25 mm ²
Nominal conductor cross section	0.25 mm ²
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	PP