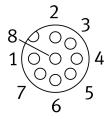
Connecting cable NEBC-M12G8-E-10-N-M12G8

Part number: 8080784





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	496 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, design	Round	
Electrical connection 2, connection type	Plugs	
Electrical connection 2, cable outlet	Straight	
Electrical connection 2, connector system	M12x1, A-coded to EN 61076-2-101	
Electrical connection 2, number of connections/cores	8	
Electrical connection 2, used connections/cores	8	
electrical connection 2, type of mounting	Screw-type lock	
Operational voltage range DC	0 V30 V	
Operational voltage range AC	0 V30 V	
Current rating at 40° C	2 A	
Immunity to surge	0.8 kV	
Shielding	no	
Cable length	10 m	
Cable characteristic	Suitable for energy chains	
Test conditions cable	Test conditions on request	
Bending radius, fixed cable	30 mm	

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Feature	Value
Bending radius, moving cable	30 mm
Cable diameter	6 mm
Cable diameter tolerance	± 0.2 mm
Cable structure	8 x 0.25 mm ²
Nominal cross section conductor	0.25 mm ²
Degree of protection	IP65 IP67
Note on degree of protection	In assembled state
Ambient temperature	-25 °C90 °C
Ambient temperature with moving cable	-25 °C90 °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