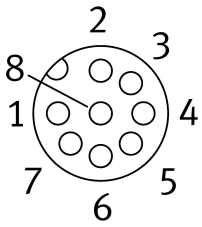
Connecting cable
NEBC-M12G8-E-5-N-M12G8

Part number: 8080783



Data sheet

Feature	Value
Based on standard	EN 61076-2-101
Approval	c UL us - Listed (Oil)
Certificate issuing authority	UL E474609
Cable designation	Without inscription label holder
Product weight	256 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	Control side
Electrical connection 2, design	Round
Electrical connection 2, connection type	Plug
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 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	5 m
Cable characteristic	Suitable for energy chains
Test conditions cable	Test conditions on request
Bending radius, fixed cable	30 mm

Feature	Value
Bending radius, moving cable	30 mm
Cable diameter	6 mm
Cable diameter tolerance	±0.2 mm
Cable structure	8 x 0.25 mm²
Nominal cross section conductor	0.25 mm²
Degree of protection	IP65 IP67
Note on degree of protection	In mounted 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	Nickel-plated die-cast zinc
Material seals	NBR
Material electrical contact	Brass
Material insulating sheath	PP