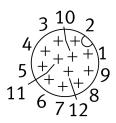
Connecting cable NEBS-SM12G12-E-0.3-N-M12G12 Part number: 3947404





Data sheet

Feature	Value	
Conforms to standard	EN 61076-2-101	
Cable designation	With accessories	
Frequency of connection	100	
Electrical connection 1, function	Field device side	
Electrical connection 1, design	Round	
Electrical connection 1, connection type	Plugs	
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	12	
Electrical connection 1, used connections/cores	12	
Electrical connection 1, type of mounting	Screw-type lock with hexagon, size 13	
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	12	
Electrical connection 2, used connections/cores	12	
electrical connection 2, type of mounting	Screw lock with hex A/F13	
Operational voltage range DC	0 V30 V	
Operational voltage range AC	0 V30 V	
Current rating at 40° C	1.5 A	
Immunity to surge	0.5 kV	
Cable length	0.3 m	
Cable characteristic	Suitable for energy chains	
Test conditions cable	Test conditions on request	
Bending radius, fixed cable	32 mm	
Bending radius, moving cable	65 mm	
Cable diameter	6.5 mm	
Cable structure	12 x 0.25 mm ²	

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Feature	Value
Nominal cross section conductor	0.25 mm ²
Degree of protection	IP67
Note on degree of protection	In assembled state
Ambient temperature	-5 °C70 °C
Ambient temperature with moving cable	-5 °C70 °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	1 - Low corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Black
Material housing	TPE-U(PUR)
Housing colour	Black
Material screw-type lock	Die-cast zinc, nickel-plated
Material electrical contact	Gold-plated brass