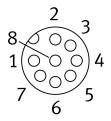
Connecting cable NEBV-M12G8-K-2-M12G4

Part number: 553575





Data sheet

Feature	Value	
Conforms to standard	EN 61076-2-101	
Cable designation	Without label holder	
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	4	
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	4	
Electrical connection 2, occupied pins/wires	4	
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	yes	
Cable length	2 m	
Cable characteristic	Standard	
Bending radius, fixed cable installation	29 mm	
Bending radius, flexible cable installation	58 mm	
Cable diameter	5.6 mm	
Cable diameter tolerance	± 0.2 mm	
Cable design	4 x 0.34 mm ²	

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Feature	Value
Nominal conductor cross section	0.34 mm ²
Degree of protection	IP67
Note on degree of protection	In mounted state
Ambient temperature	-25 °C85 °C
Ambient temperature with flexible cable installation	-5 °C80 °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 Halogen-free
Contamination level	3
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Gray
Housing material	TPE-U(PUR)
Housing colour	Black
Material of screw-type lock	Brass, nickel-plated
Seals material	NBR
Material of pin contacts	Brass, gold-plated
Insulating sheath material	PP