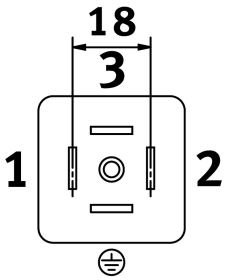
Connecting cable
NEBC-A1W3-K-0.3-N-M12G5

Part number: 549294





Data sheet

Feature	Value
Based on norm	EN 61076-2-101
Cable designation	Without label holder
Product weight	188 g
Electrical connection	5-pin M12x1 Straight plug Square design/angled
Electrical connection 1, function	Field device side
Electrical connection 1, design	Square
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Angled
Electrical connection 1, connection technology	Connection diagram form A as per EN 175301-803
Electrical connection 1, number of pins/wires	3
Electrical connection 1, occupied pins/wires	3
Electrical connection 1, type of mounting	Central screw M3
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	5
Electrical connection 2, occupied pins/wires	4
DC operating voltage range	0 V...60 V
Operating voltage range AC	0 V...60 V
Current rating at 40° C	4 A
Surge resistance	1.5 kV
Protective earth connection	Available
Shield	Yes
Cable length	0.3 m

Feature	Value
Cable characteristic	Standard
Connector cable test conditions	Test conditions on request
Min. cable bending radius	90 mm
Bending radius, fixed cable installation	90 mm
Cable diameter	5.9 mm
Approved cable diameter	5.7 mm...6.1 mm
Cable design	4 x 0.34 mm²
Nominal conductor cross section	0.34 mm²
Degree of protection	IP65
Note on degree of protection	In mounted state
Ambient temperature	-25 °C...80 °C
Ambient temperature with flexible cable installation	-5 °C...70 °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)	0 - No corrosion stress
Material of cable sheath	PVC TPE-U(PUR)
Color cable sheath	Gray
Housing material	PA TPE-U(PUR)
Housing colour	Black
Insulating sheath material	PVC