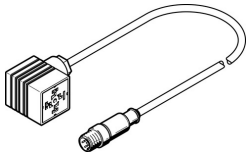
Connecting cable
NEBC-A1W3-K-0.3-N-M12G5

Part number: 549294



General operating condition

Data sheet

Feature	Value
Based on standard	EN 61076-2-101
Cable designation	Without inscription 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	Angular
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Angled
Electrical connection 1, connector system	Plug pattern type A to EN 175301-803
Electrical connection 1, number of connections/cores	3
Electrical connection 1, used connections/cores	3
Electrical connection 1, type of mounting	Central screw M3
Electrical connection 1, connection pattern	00995617
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	5
Electrical connection 2, used connections/cores	4
Electrical connection 2, connection pattern	00997355
Operational voltage range DC	0 V ... 60 V
Operational voltage range AC	0 V ... 60 V
Current rating at 40° C	4 A
Immunity to surge	1.5 kV
Protective conductor connection	Available
Shielding	yes
Cable length	0.3 m
Cable characteristic	Standard
Test conditions cable	Test conditions on request
Min. cable bending radius	90 mm
Bending radius, fixed cable	≥90 mm
Cable diameter	5.9 mm

Feature	Value
Permissible cable diameter	5.7 mm ... 6.1 mm
Cable structure	4 x 0.34 mm²
Nominal cross section conductor	0.34 mm²
Degree of protection	IP65
Note on degree of protection	In assembled state
Ambient temperature	-25 °C ... 80 °C
Ambient temperature with moving cable	-5 °C ... 70 °C
CE mark (see declaration of conformity)	In accordance with EU RoHS Directive
CE 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	0 - No corrosion stress
Material cable sheath	PVC TPE-U(PUR)
Cable sheath colour	grey
Material housing	PA TPE-U(PUR)
Housing colour	Black
Material insulating sheath	PVC