connecting cable
NEBV-M12G8-K-5-M12G4
Part number: 553576
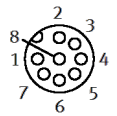
Data sheet

Feature	Value
Conforms to standard	EN 61076-2-101
Cable identification	Without inscription label holder
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Plug socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	M12x1, A-coded in accordance with 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 lock
Electrical connection 2, function	Controller 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 in accordance with 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 lock
Operating voltage range DC	0 ... 30 V
Operating voltage range AC	0 ... 30 V
Acceptable current load at 40°C	2 A
Surge strength	0.8 kV
Cable length	5 m
Cable attribute	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 structure	4x0,34 Shielded
Nominal conductor cross-section	0.34 mm2
Protection class	IP67
Note on degree of protection	in assembled condition
Ambient temperature	-25 ... 85 °C
Ambient temperature with flexible cable installation	-5 ... 80 °C
CE mark (see declaration of conformity)	to EU directive for EMC
Materials note	Conforms to RoHS Halogen-free
Degree of contamination	3
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Grey
Material housing	TPE-U(PUR)
Housing colour	Black
Material screw-type lock	Nickel-plated brass
Material seals	NBR
Material electrical contact	Brass, gold-plated
Material insulation	PP