Connecting cable
NEBU-M12G5-K-0.5-M12G4
Part number: 8000208
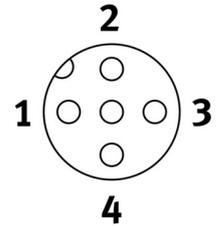
Data sheet

Feature	Value
Type code	NEBU
Conforms to standard	EN 61076-2-101 Wire colors and connection numbers as per EN 60947-5-2
Cable designation	With 2x label holders
Product weight	36 g
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	5
Electrical connection 1, occupied pins/wires	4
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection for input 1, connection pattern	00991861
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
Electrical connection 2, connection pattern	00995386
DC operating voltage range	0 V ... 250 V
Operating voltage range AC	0 V ... 250 V
Current rating at 40ºC	4 A
Surge resistance	1.5 kV
Cable length	0.5 m
Cable characteristic	Standard
Connector cable test conditions	Cable chain: 5 million cycles, bending radius 75 mm Test conditions on request Flexural strength: as per Festo standard
Cable diameter	4.5 mm
Cable diameter tolerance	± 0.1 mm

Feature	Value
Cable design	4 x 0.25 mm²
Nominal conductor cross section	0.25 mm²
Degree of protection	IP68 IP69K IP65
Note on degree of protection	In mounted state
Special features	Oil-resistant
Ambient temperature	-25 ºC ... 70 ºC
Ambient temperature with flexible cable installation	-5 ºC ... 70 ºC
CE marking (see declaration of conformity)	As per EU low voltage directive As per EU RoHS directive
Note on materials	Free of copper and PTFE RoHS-compliant Halogen-free Free of phosphoric acid ester
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
Insulating sheath material	PP