Connecting cable
NEBU-M8G4-K-9-LE4
Part number: 8003130
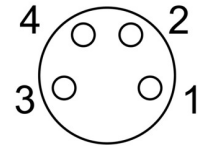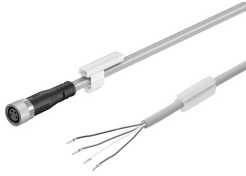
Data sheet

Feature	Value
Type code	NEBU
Conforms to standard	EN 61076-2-104 Wire colors and connection numbers as per EN 60947-5-2
Explosion prevention and protection	Zone 2 (ATEX) Zone 22 (ATEX) Observe the information on the certificate
Cable designation	With 2x label holders
Product weight	245 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	M8x1 A-coded as per EN 61076-2-104
Electrical connection 1, number of pins/wires	4
Electrical connection 1, occupied pins/wires	4
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection for input 1, connection pattern	00991872
Electrical connection 2, function	Control side
Electrical connection 2, connection type	Cable
Electrical connection 2, connection technology	Open end
Electrical connection 2, number of pins/wires	4
Electrical connection 2, occupied pins/wires	4
DC operating voltage range	0 V … 30 V
Operating voltage range AC	0 V … 30 V
Current rating at 40°C	3 A
Surge resistance	0.8 kV
Cable length	9 m
Cable characteristic	Standard
Connector cable test conditions	Flexural strength: as per Festo standard Test conditions on request Cable chain: 5 million cycles, bending radius 75 mm
Cable diameter	4.5 mm
Cable diameter tolerance	± 0.1 mm
Cable design	4 x 0.25 mm²
Nominal conductor cross section	0.25 mm²

Feature	Value
Degree of protection	IP65 IP69K IP68
Note on degree of protection	In mounted state
Special features	Oil-resistant
Ambient temperature	-25 °C ... 70 °C
Ambient temperature with flexible cable installation	-5 °C ... 70 °C
CE marking (see declaration of conformity)	As per EU RoHS directive
Note on materials	Free of copper and PTFE RoHS-compliant Free of phosphoric acid ester 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
Insulating sheath material	PP