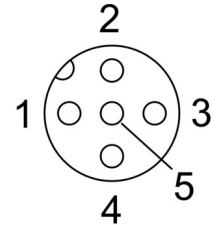


# Connecting cable NEBU-M12G5-E-10-Q8N-M12G5

Part number: 574323

FESTO



## Data sheet

Feature	Value
Type code	NEBU
Conforms to standard	EN 61076-2-101
Explosion prevention and protection	Observe the information on the certificate Zone 22 (ATEX) Zone 2 (ATEX)
Cable designation	Without label holder
Product weight	295 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	5
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection for input 1, connection pattern	00995384
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	5
Electrical connection 2, type of mounting	Screw-type lock
Electrical connection 2, connection pattern	00995383
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
Cable length	10 m
Cable characteristic	Suitable for energy chains
Connector cable test conditions	Test conditions on request Flexural strength: as per Festo standard Cable chain: 5 million cycles, bending radius 75 mm
Cable diameter	7 mm

Feature	Value
Cable diameter tolerance	± 0.1 mm
Cable design	5 x 1 mm <sup>2</sup>
Nominal conductor cross section	1 mm <sup>2</sup>
Degree of protection	IP68 IP65 IP69K
Note on degree of protection	In mounted state
Special features	Oil-resistant
Ambient temperature	-25 °C ... 80 °C
Ambient temperature with flexible cable installation	-5 °C ... 80 °C
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