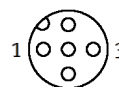
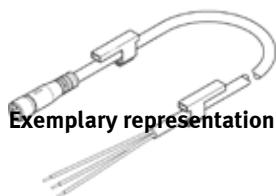


# Connecting cable NEBU-

Part number: 539052

FESTO

Minimum order 20 units



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Based on the standard	EN 61076-2-104
Conforms to standard	Core colours and connection numbers to EN 60947-5-2 EN 61076-2-101 EN 61076-2-104
Ready status display	Green LED
Operating status display	Yellow LED for NPN - normally open for PNP - normally open
Cable identification	Without inscription label holder with 2x label holders
Product weight	22 ... 835 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Plug socket Cable
Electrical connection 1, cable outlet	Straight Angled angled, can be aligned in increments of 15°
Electrical connection 1, connection technology	M12x1, A-coded in accordance with EN 61076-2-101 M8x1, A-coded to EN 61076-2-104 Open end
Electrical connection 1, number of pins/wires	3 ... 8 g
Electrical connection 1, occupied pins/wires	2 ... 5 g
Electrical connection 1, type of mounting	Screw lock
Electrical connection 2, function	Controller side
Electrical connection 2, design	Round
Electrical connection 2, connection type	Cable Plug
Electrical connection 2, cable outlet	Straight Angled
Electrical connection 2, connection technology	M12x1, A-coded in accordance with EN 61076-2-101 M8x1, A-coded to EN 61076-2-104 Open end
Electrical connection 2, number of pins/wires	3 ... 8 g
Electrical connection 2, occupied pins/wires	2 ... 5 g
Electrical connection 2, type of mounting	Screw lock
Operating voltage range DC	0 ... 250 V
Operating voltage range AC	0 ... 250 V
Acceptable current load at 40°C	3 ... 4 A
Surge strength	0.8 ... 2.5 kV
Cable length	0.1 ... 30 m
Cable attribute	Basic

Feature	Value
	Standard For robots Suitable for energy chains
Test conditions of cable	Bending strength according to Festo standard Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm
Cable diameter	4.5 ... 7 mm
Cable diameter tolerance	± 0,1 mm
Cable structure	2x0,25 3x0,25 4x0,25 5x0,25 5x1
Nominal conductor cross-section	0.25 ... 1 mm <sup>2</sup>
Protection class	IP65 IP68 IP69K
Note on degree of protection	in assembled condition
Special characteristics	Oil resistant
Ambient temperature	-25 ... 80 °C
Ambient temperature with flexible cable installation	-5 ... 80 °C
CE symbol (see declaration of conformity)	according to EU low voltage guideline in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for electrical equipment To UK RoHS instructions
PWIS conformity	VDMA24364-B2-L
Materials note	Conforms to RoHS Halogen-free Free of phosphoric acid ester
Degree of contamination	3
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Material cable sheath	PVC TPE-U(PUR)
Cable sheath color	Grey
Material housing	TPE-U(PUR)
Housing color	Black
Material screw-type lock	Nickel-plated brass
Material seals	NBR
Material electrical contact	Gold-plated copper alloy
Material insulation	PP