

# Connecting cable NEBC-M9W5-K-2-N-LE3

Part number: 563711

FESTO



## Data sheet

Feature	Value
Cable identification	with accessories
Product weight	108 g
Electrical connection 1, function	Field device side
Electrical connection 1, connection type	Cable
Electrical connection 1, connection technology	Open end
Electrical connection 1, number of pins/wires	5
Electrical connection 1, occupied pins/wires	3
Electrical connection 2, function	Controller side
Electrical connection 2, design	Round
Electrical connection 2, connection type	Plug
Electrical connection 2, cable outlet	Angled
Electrical connection 2, connection technology	M9x0,5
Electrical connection 2, number of pins/wires	5
Electrical connection 2, occupied pins/wires	3
Electrical connection 2, type of mounting	Screw lock
Operating voltage range DC	0 ... 30 V
Acceptable current load at 40°C	1.6 A
Note on acceptable current load at 40°C	2.3 A for 0.34 mm <sup>2</sup> 3.6 A for 0.49 mm <sup>2</sup>
Surge strength	0.5 kV
Cable length	2 m
Cable attribute	Suitable for energy chains
Test conditions of cable	Test conditions on request
Bending radius, flexible cable installation	≥ 75 mm
Cable diameter	5.5 mm
Cable structure	2x0,25+2x0,34+0,49 Shielded
Nominal conductor cross-section	0.25 mm <sup>2</sup> 0.34 mm <sup>2</sup> 0.49 mm <sup>2</sup>
Wire ends	Wire end ferrule
Protection class	IP65 IP67
Note on degree of protection	in assembled condition
Ambient temperature	-20 ... 80 °C
Ambient temperature with flexible cable installation	-5 ... 80 °C
CE symbol (see declaration of conformity)	in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
PWIS conformity	VDMA24364-B2-L
Materials note	Conforms to RoHS
Degree of contamination	1
Corrosion resistance classification CRC	1 - Low corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath color	light grey
Material housing	PA PBT

Feature	Value
	TPE-U(PUR)
Housing color	Black
Material screw-type lock	Nickel-plated brass
Material electrical contact	Gold-plated bronze Brass, gold-plated
Material insulation	TPE-U(PUR)