

# connecting cable

## NEBM-L5G6-E-10-N-LE6

Part number: 4977493

Product to be discontinued

FESTO

Type to be discontinued. Available until 2026. See Support Portal for alternative products.



### Data sheet

Feature	Value
Cable identification	Without inscription label holder
Electrical connection 1, function	Field device side
Electrical connection 1, design	Angular
Electrical connection 1, connection type	Plug socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	Pin allocation L5
Electrical connection 1, number of pins/wires	6
Electrical connection 1, occupied pins/wires	6
Electrical connection 2, function	Controller side
Electrical connection 2, connection type	Cable
Electrical connection 2, connection technology	Open end
Electrical connection 2, number of pins/wires	6
Electrical connection 2, occupied pins/wires	6
Operating voltage range DC	0 ... 30 V
Operating voltage range AC	0 ... 30 V
Acceptable current load at 40°C	5 A
Surge strength	1.5 kV
Cable length	10 m
Cable attribute	Suitable for chain link trunking
Test conditions of cable	Test conditions on request
Bending radius, fixed cable installation	≥ 19 mm
Bending radius, flexible cable installation	≥ 31 mm
Cable diameter	6.1 mm
Cable structure	6x0,25
Nominal conductor cross-section	0.25 mm <sup>2</sup>
Wire ends	Cut off bluntly
Protection class	IP20
Note on degree of protection	IP65 for mounting in terminal boxes
Ambient temperature	-40 ... 80 °C
Ambient temperature with flexible cable installation	-40 ... 80 °C
CE mark (see declaration of conformity)	in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
PWIS conformity	VDMA24364 zone III
Materials note	Conforms to RoHS
Degree of contamination	3
Corrosion resistance classification CRC	0 - No corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Grey
Material housing	PA
Housing colour	Black
Material insulation	TPE-E