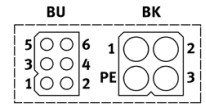
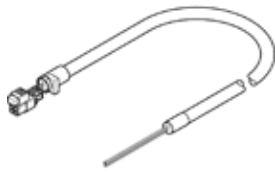


# motor cable

## NEBM-T1G8-E-20-Q7N-LE8

Part number: 5105621  
Product to be discontinued

FESTO



## Data sheet

Feature	Value
Conforms to standard	EN 61984
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	ITT M3
Electrical connection 1, number of pins/wires	10
Electrical connection 1, occupied pins/wires	8
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	8
Electrical connection 2, occupied pins/wires	8
Operating voltage range DC	0 ... 630 V
Note on operating voltage range DC	0 - 48 V for 0.25 mm <sup>2</sup>
Operating voltage range AC	0 ... 630 V
Note on operating voltage range AC	0 - 48 V for 0.25 mm <sup>2</sup>
Acceptable current load at 40°C	12 A
Note on acceptable current load at 40°C	3 A for 0.25 mm <sup>2</sup>
Surge strength	4 kV
Note on surge resistance	0.5 kV for 0.25 mm <sup>2</sup>
Cable length	20 m
Cable attribute	Suitable for chain link trunking
Bending radius, fixed cable installation	≥ 55 mm
Bending radius, flexible cable installation	≥ 110 mm
Cable diameter	11 mm
Cable structure	4x0,75+2x(2x0,25) Shielded
Nominal conductor cross-section	0.25 mm <sup>2</sup> 0.75 mm <sup>2</sup>
Wire ends	Wire end ferrule
Protection class	IP65
Note on degree of protection	in assembled condition
Ambient temperature	-50 ... 90 °C
Ambient temperature with flexible cable installation	-40 ... 90 °C
CE mark (see declaration of conformity)	to EU directive low-voltage devices 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
Degree of contamination	3
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Orange