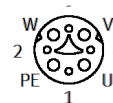


# motor cable

## NEBM-M16G8-E-2.5-Q7-LE8-1

Part number: 5391541

FESTO



## Data sheet

Feature	Value
Based on the standard	EN 61984
Cable identification	Without inscription label holder
Product weight	450 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Plug socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	M16x0,75
Electrical connection 1, number of pins/wires	8
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	8
Electrical connection 2, occupied pins/wires	6
Operating voltage range DC	0 ... 600 V
Note on operating voltage range DC	0 - 300 V for 0.25 mm <sup>2</sup>
Operating voltage range AC	0 ... 600 V
Note on operating voltage range AC	0 - 300 V for 0.25 mm <sup>2</sup>
Acceptable current load at 40°C	12 A
Note on acceptable current load at 40°C	4 A for 0.25 mm <sup>2</sup>
Surge strength	6 kV
Note on surge resistance	4 kV for 0.25 mm <sup>2</sup>
Cable length	2.5 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	Cable end sleeve to DIN 46228-A..-10 Cable end sleeve to DIN 46228-E..-10
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
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	Orange
Material insulation	TPE-E