

Motor cable NEBM-M40G15-EH- -Q12N-R3LEG14

Part number: 5251401

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Based on norm	EN 61984
Cable designation	Without label holder
Electrical connection 1, function	Field device end
Electrical connection 1, design	Round
Electrical connection 1, connection type	Hybrid socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	M40x1
Electrical connection 1, number of pins/wires	15
Electrical connection 1, occupied pins/wires	12
Electrical connection 1, type of mounting	Snap-locking
Electrical connection for input 1, connection pattern	00997393
Electrical connection 2, function	Control side
Electrical connection 2, connection type	Plugs and cables
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connection technology	RJ45 and open end
Electrical connection 2, number of pins/wires	14
Electrical connection 2, occupied pins/wires	12
DC operating voltage range	0 V ... 850 V
Operating voltage range AC	0 V ... 630 V
Current rating at 40° C	40 A
Surge resistance	6 kV
Cable length	0.5 m ... 100 m
Cable characteristic	Suitable for energy chains
Connector cable test conditions	Test conditions on request
Bending radius, fixed cable installation	74.8 mm
Bending radius, flexible cable installation	140.25 mm
Cable diameter	18.7 mm
Cable diameter tolerance	± 0.3 mm
Cable design	4 x 6 mm ² + 1 x (2 x 1.5 mm ²) + 1 x (2 x 0.24 mm ² + 2 x 2 x 0.15 mm ²)
Wire ends	Cable end sleeve
Degree of protection	IP67
Note on degree of protection	Depending on manifold block
Ambient temperature	-40 °C ... 90 °C
Ambient temperature with flexible cable installation	-25 °C ... 80 °C
CE marking (see declaration of conformity)	As per EU low voltage directive

Feature	Value
UKCA marking (see declaration of conformity)	To UK RoHS instructions To UK instructions for electrical equipment
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant Halogen-free
Contamination level	3
Corrosion resistance class (CRC)	1 - Low corrosion stress
Material of cable sheath	PUR
Color cable sheath	Gray
Insulating sheath material	PP