Motor cable
NEBM-M40G15-EH-10-Q11N-R3LEG14
Part number: 5251398

FESTO

Data sheet

Feature	Value
Based on the standard	EN 61984
Cable identification	Without inscription label holder
Product weight	4.11 kg
Electrical connection 1, function	Field device side
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-in locking
Electrical connection 2, function	Controller 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
Operating voltage range DC	0 ... 850 V
Operating voltage range AC	0 ... 630 V
Acceptable current load at 40°C	31.9 A
Surge strength	6 kV
Cable length	10 m
Cable attribute	Suitable for energy chains
Test conditions of cable	Test conditions on request
Bending radius, fixed cable installation	65.6 mm
Bending radius, flexible cable installation	123 mm
Cable diameter	16.4 mm
Cable diameter tolerance	± 0,3 mm
Cable structure	4x4+2x1,5+2x0,24+2x2x0,15
Wire ends	Wire end ferrule
Protection class	IP67
Note on degree of protection	Depending on the connection block
Ambient temperature	-40 ... 90 °C
Ambient temperature with flexible cable installation	-25 ... 80 °C
CE symbol (see declaration of conformity)	according to EU low voltage guideline 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 Halogen-free
Degree of contamination	3
Corrosion resistance classification CRC	1 - Low corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath color	Grey
Material insulation	PP