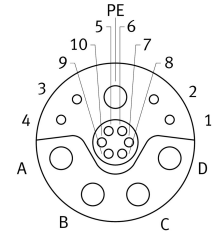


Motor cable

NEBM-M40G15-EH- -Q12N-R3LEG14

Part number: 5251401

FESTO



Data sheet

Feature	Value
Based on standard	EN 61984
Cable designation	Without inscription label holder
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, connector system	M40x1
Electrical connection 1, number of connections/cores	15
Electrical connection 1, used connections/cores	12
Electrical connection 1, type of mounting	Snap-locking
Electrical connection 2, function	Controller side
Electrical connection 2, connection type	Plugs and cables
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connector system	RJ45 and open end
Electrical connection 2, number of connections/cores	14
Electrical connection 2, used connections/cores	12
Operational voltage range DC	0 V...850 V
Operational voltage range AC	0 V...630 V
Current rating at 40° C	40 A
Immunity to surge	6 kV
Cable length	0.5 m...100 m
Cable characteristic	Suitable for energy chains
Test conditions cable	Test conditions on request
Bending radius, fixed cable	74.8 mm
Bending radius, moving cable	140.25 mm
Cable diameter	18.7 mm
Cable diameter tolerance	± 0.3 mm
Cable structure	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	Wire ferrule

Feature	Value
Degree of protection	IP67
Note on degree of protection	Depending on connection block
Ambient temperature	-40 °C...90 °C
Ambient temperature with moving cable	-25 °C...80 °C
CE mark (see declaration of conformity)	To EU Low Voltage Directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions To UK regulations for electrical equipment
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant Free of halogen
Pollution degree	3
Corrosion resistance class CRC	1 - Low corrosion stress
Material cable sheath	PUR
Cable sheath colour	Grey
Material insulating sheath	PP