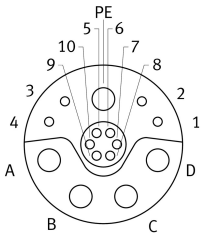
Motor cable
NEBM-M40G15-EH-7.5-Q11N-R3LEG14

Part number: 5251397





Data sheet

Feature	Value
Based on norm	EN 61984
Cable designation	Without label holder
Product weight	3.08 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-locking
Electrical connection 2, function	Control side
Electrical connection 2, connection type	Connector and cable
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	31.9 A
Surge resistance	6 kV
Cable length	7.5 m
Cable characteristic	Suitable for energy chains
Connector cable test conditions	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 design	4 x 4 mm² + 1 x (2 x 1.5 mm²) + 1 x (2 x 0.24 mm² + 2 x 2 x 0.15 mm²)

Feature	Value
Wire ends	Wire ferrule
Degree of protection	IP67
Note on degree of protection	Depending on terminal 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 As per EU RoHS directive
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	TPE-U(PUR)
Color cable sheath	Gray
Insulating sheath material	PP