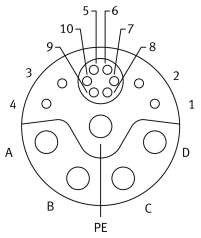
Motor cable
NEBM-M23G15-EH-7.5-Q9N-S1LEG21

Part number: 8190889





Data sheet

Feature	Value
Based on standard	EN 61984
Cable designation	Without inscription label holder
Product weight	1.73 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, connector system	M23x1
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	Control side
Electrical connection 2, connection type	Cable
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connector system	Sub-D and open end
Electrical connection 2, number of connections/cores	21
Electrical connection 2, used connections/cores	12
electrical connection 2, type of mounting	Plugged in
Operational voltage range DC	0 V...850 V
Operational voltage range AC	0 V...630 V
Current rating at 40° C	17.8 A
Immunity to surge	6 kV
Shielding	Yes
Cable length	7.5 m
Cable characteristic	Suitable for energy chains
Test conditions cable	Test conditions on request
Bending radius, fixed cable	51.2 mm
Bending radius, moving cable	96 mm
Cable diameter	12.8 mm

Feature	Value
Cable diameter tolerance	± 0.3 mm
Cable structure	4 x 1.5 mm² + 1 x (2 x 0.75 mm²) + 1 x (2 x 0.24 mm² + 2 x 2 x 0.15 mm²)
Nominal cross section conductor	0.15 mm² 0.24 mm² 0.75 mm² 1.5 mm²
Wire ends	Wire ferrule
Degree of protection	IP20 IP67
Note on degree of protection	In mounted state
Ambient temperature	-40 °C...90 °C
Ambient temperature with moving cable	-25 °C...80 °C
Overvoltage category	III
CE mark (see declaration of conformity)	To EU Low Voltage Directive In accordance with EU RoHS 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	TPE-U(PUR)
Cable sheath colour	Grey
Material insulating sheath	PP