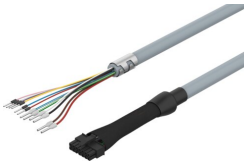
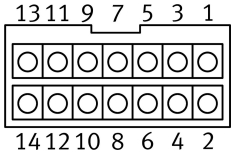
Motor cable
NEBM-L5G14-EH-2.5-Q6N-LE12

Part number: 8181675





Data sheet

Feature	Value
Based on standard	EN 61984
Cable designation	Without inscription label holder
Product weight	365 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Square
Electrical connection 1, connection type	Hybrid socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connector system	Connection pattern L5
Electrical connection 1, number of connections/cores	14
Electrical connection 1, used connections/cores	13
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	Open end
Electrical connection 2, number of connections/cores	12
Electrical connection 2, used connections/cores	12
electrical connection 2, type of mounting	Plugged in
Operational voltage range DC	0 V...48 V
Current rating at 40° C	7.6 A
Immunity to surge	1.5 kV
Shielding	Yes
Cable length	2.5 m
Cable characteristic	Suitable for energy chains
Test conditions cable	Test conditions on request
Bending radius, fixed cable	42 mm
Bending radius, moving cable	78.75 mm
Cable diameter	10.5 mm
Cable diameter tolerance	± 0.3 mm
Cable structure	4 x 0.5 mm² + 2 x 0.5 mm² + 6 x 0.15 mm²
Nominal cross section conductor	0.15 mm² 0.5 mm²

Feature	Value
Wire ends	Wire ferrule
Degree of protection	IP20
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	I
CE mark (see declaration of conformity)	In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364 zone III
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