Motor cable
NEBM-H6G4-E-2.5-Q13N-LE4
Part number: 5219197
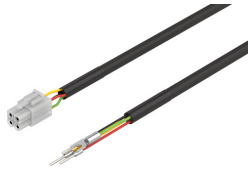
📄 General operating condition

Data sheet

Feature	Value
Cable designation	Without label holder
Electrical connection 1, function	Field device end
Electrical connection 1, design	Rectangular
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	Connection diagram H6, coded for motor
Electrical connection 1, number of pins/wires	4
Electrical connection 1, occupied pins/wires	4
Electrical connection for input 1, connection pattern	00995790
Electrical connection 2, function	Control side
Electrical connection 2, connection type	Cable
Electrical connection 2, connection technology	Open end
Electrical connection 2, number of pins/wires	4
Electrical connection 2, occupied pins/wires	4
DC operating voltage range	0 V ... 300 V
Operating voltage range AC	0 V ... 300 V
Current rating at 40° C	9.5 A
Surge resistance	2 kV
Cable length	2.5 m
Cable characteristic	Suitable for energy chains
Connector cable test conditions	Test conditions on request
Bending radius, fixed cable installation	≥55 mm
Bending radius, flexible cable installation	≥55 mm
Cable diameter	7.3 mm
Cable design	4 x 0.79 mm²
Nominal conductor cross section	0.79 mm²
Nominal conductor cross section	AWG18
Wire ends	Cable end sleeve
Degree of protection	IP20
Note on degree of protection	In mounted state
Ambient temperature	-25 ºC ... 90 ºC
Ambient temperature with flexible cable installation	-25 ºC ... 90 ºC
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

Feature	Value
LABS (PWIS) conformity	VDMA24364 zone III
Note on materials	RoHS-compliant
Contamination level	3
Corrosion resistance class (CRC)	0 - No corrosion stress
Material of cable sheath	PVC
Color cable sheath	Black
Housing material	PA
Housing colour	White
Insulating sheath material	PVC