

# Motor cable NEBM-SF1W31-EH-10-Q15N-LE14

Part number: 8113310

FESTO



 General operating condition

## Data sheet

Feature	Value
Conforms to standard	DIN 47100
Cable designation	Without inscription label holder
Frequency of connection	30
Product weight	2960 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Angular
Electrical connection 1, connection type	Plugs
Electrical connection 1, cable outlet	Angled
Electrical connection 1, note on cable outlet	90°
Electrical connection 1, connector system	Connection pattern F1
Electrical connection 1, number of connections/cores	31
Electrical connection 1, used connections/cores	31
Electrical connection 1, type of mounting	Snap-locking
Electrical connection 1, connection pattern	00995929
Electrical connection 2, function	Controller side
Electrical connection 2, connection type	Cable
Electrical connection 2, connector system	Open end
Electrical connection 2, number of connections/cores	14
Electrical connection 2, used connections/cores	14
Operational voltage range DC	0 V ... 50 V
Nominal operating voltage DC	24 V
Current rating at 40° C	0.5 A
Immunity to surge	0.25 kV
Cable length	10 m
Cable characteristic	Suitable for energy chains
Test conditions cable	Test conditions on request
Bending radius, fixed cable	≥49.5 mm
Bending radius, moving cable	≥74.25 mm
Cable diameter	9.9 mm
Cable diameter tolerance	± 0.2 mm
Cable structure	1 x (6 x 0.35 mm <sup>2</sup> ) + 2 x (4 x 0.15 mm <sup>2</sup> )
Nominal cross section conductor	0.35 mm <sup>2</sup>
Wire ends	Wire ferrule
Degree of protection	IP20
Note on degree of protection	In assembled state
Ambient temperature	-20 °C ... 75 °C

<b>Feature</b>	<b>Value</b>
Ambient temperature with moving cable	-5 °C ... 70 °C
Storage temperature	-25 °C ... 55 °C
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
Pollution degree	1
Corrosion resistance class CRC	1 - Low corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Black
Material housing	PA
Housing colour	Black
Material electrical contact	Copper alloy, tin-plated