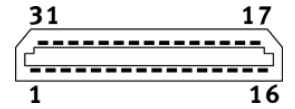
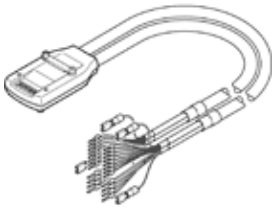


# Motor cable NEBM-SF1W31-EH-5-Q15N-LE28

Part number: 8113307

FESTO



## Data sheet

Feature	Value
Conforms to standard	DIN 47100
Cable identification	Without inscription label holder
Connection frequency	30
Product weight	1,480 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Angular
Electrical connection 1, connection type	Plug
Electrical connection 1, cable outlet	Angled
Electrical connection 1, note about the cable outlet	90°
Electrical connection 1, connection technology	Connection pattern F1
Electrical connection 1, number of pins/wires	31
Electrical connection 1, occupied pins/wires	31
Electrical connection 1, type of mounting	Snap-in locking
Electrical connection 2, function	Controller side
Electrical connection 2, connection type	Cable
Electrical connection 2, connection technology	Open end
Electrical connection 2, number of pins/wires	28
Electrical connection 2, occupied pins/wires	28
Operating voltage range DC	0 ... 50 V
Nominal operating voltage DC	24 V
Acceptable current load at 40°C	0.5 A
Surge strength	0.25 kV
Cable length	5 m
Cable attribute	Suitable for energy chains
Test conditions of cable	Test conditions on request
Bending radius, fixed cable installation	≥ 49.5 mm
Bending radius, flexible cable installation	≥ 74.25 mm
Cable diameter	9.9 mm
Cable diameter tolerance	± 0,2 mm
Cable structure	1x(6x0,35)+2x(4x0,15)
Nominal conductor cross-section	0.35 mm <sup>2</sup> 0.15 mm <sup>2</sup>
Wire ends	Wire end ferrule
Protection class	IP20
Note on degree of protection	in assembled condition
Ambient temperature	-20 ... 75 °C
Ambient temperature with flexible cable installation	-5 ... 70 °C
Storage temperature	-25 ... 55 °C
CE symbol (see declaration of conformity)	in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
PWIS conformity	VDMA24364 zone III
Materials note	Conforms to RoHS
Degree of contamination	1
Corrosion resistance classification CRC	1 - Low corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath color	Black
Material housing	PA
Housing color	Black
Material electrical contact	Copper alloy, tinned