Motor cable
NEBM-M17G12-EH-5-Q6N-LE12
Part number: 8181668

FESTO
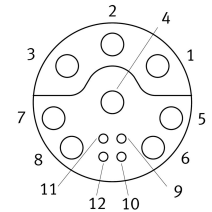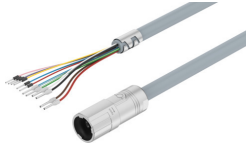
Data sheet

Feature	Value
Based on norm	EN 61984
Cable designation	Without label holder
Product weight	730 g
Electrical connection 1, function	Field device end
Electrical connection 1, design	Round
Electrical connection 1, connection type	Hybrid socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	M17x0.75
Electrical connection 1, number of pins/wires	12
Electrical connection 1, occupied pins/wires	12
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection 2, function	Control side
Electrical connection 2, connection type	Cable
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connection technology	Open end
Electrical connection 2, number of pins/wires	12
Electrical connection 2, occupied pins/wires	12
Electrical connection 2, type of mounting	Inserted
DC operating voltage range	0 V...48 V
Current rating at 40° C	7.6 A
Surge resistance	1.5 kV
Shield	yes
Cable length	5 m
Cable characteristic	Suitable for energy chains
Connector cable test conditions	Test conditions on request
Bending radius, fixed cable installation	42 mm
Bending radius, flexible cable installation	78.75 mm
Cable diameter	10.5 mm
Cable diameter tolerance	± 0.3 mm

Feature	Value
Cable design	4 x 0.5 mm² + 2 x 0.5 mm² + 6 x 0.15 mm²
Nominal conductor cross section	0.15 mm² 0.5 mm²
Wire ends	Cable end sleeve
Degree of protection	IP67
Note on degree of protection	In mounted state
Ambient temperature	-40 ºC...90 ºC
Ambient temperature with flexible cable installation	-25 ºC...80 ºC
Overvoltage category	I
CE marking (see declaration of conformity)	As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364 zone III
Note on materials	RoHS-compliant Halogen-free
Contamination level	3
Corrosion resistance class (CRC)	1 - Low corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Gray
Insulating sheath material	PP