

Connecting cable NEBM-T12G4-R-10-LE4

Part number: 8140937

FESTO



 General operating condition

Data sheet

Feature	Value
Based on norm	EN 61076-2-111
Cable designation	With label holder
Product weight	800 g
Electrical connection 1, function	Field device end
Electrical connection 1, design	Round
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	M12x1, T-coded as per EN 61076-2-111
Electrical connection 1, number of pins/wires	4
Electrical connection 1, occupied pins/wires	4
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection for input 1, connection pattern	Socket, M12x1 T-coded as per EN 61076-2-111, 4-pole
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 ... 60 V
Current rating at 40° C	5 A
Surge resistance	1.5 kV
Shield	no
Cable length	10 m
Cable characteristic	Suitable for robot applications
Connector cable test conditions	Test conditions on request
Bending radius, fixed cable installation	≥30 mm
Bending radius, flexible cable installation	≥75 mm
Cable diameter	7.5 mm
Cable diameter tolerance	± 0.2 mm
Cable design	4 x 0.75 mm ²
Nominal conductor cross section	0.75 mm ²
Nominal conductor cross section	AWG19
Wire ends	Stripped
Degree of protection	IP67
Note on degree of protection	In mounted state
Ambient temperature	-40 °C ... 80 °C
Ambient temperature with flexible cable installation	-20 °C ... 80 °C

Feature	Value
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
Contamination level	3
Corrosion resistance class (CRC)	0 - No corrosion stress
Material of cable sheath	PVC
Color cable sheath	Black
Housing material	TPE-U(PUR)
Housing colour	Black
Material of screw-type lock	High-alloy stainless steel
Seals material	HNBR
Material of pin contacts	Brass, gold-plated
Insulating sheath material	PVC