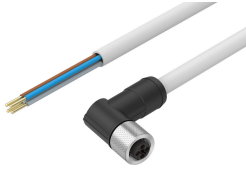


# Connecting cable NEBL-T12W4-E-2-N-LE4

Part number: 8080778

FESTO



## Data sheet

Feature	Value
Based on norm	EN 61076-2-111
Certification	c UL us - Listed (OL)
Certificate issuing authority	UL E504946
Cable designation	Without label holder
Product weight	243 g
Electrical connection 1, function	Field device end
Electrical connection 1, design	Round
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Angled
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 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...63 V
Current rating at 40° C	12 A
Surge resistance	1.5 kV
Shield	no
Cable length	2 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	84 mm
Cable diameter	8.4 mm
Cable diameter tolerance	± 0.25 mm
Cable design	4 x 1.5 mm <sup>2</sup>
Nominal conductor cross section	1.5 mm <sup>2</sup>

<b>Feature</b>	<b>Value</b>
Wire ends	Stripped
Degree of protection	IP65 IP67
Note on degree of protection	In mounted state
Ambient temperature	-25 °C...80 °C
Ambient temperature with flexible cable installation	-25 °C...80 °C
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-B2-L
Note on materials	RoHS-compliant
Contamination level	3
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Black
Housing material	PA
Housing colour	Black
Material of screw-type lock	Die-cast zinc, nickel-plated
Seals material	NBR
Material of pin contacts	Brass
Insulating sheath material	PP