

# Connecting cable NEBL-T12W4-E-15-N-LE4

Part number: 8080781

FESTO



 General operating condition

## Data sheet

Feature	Value
Based on standard	EN 61076-2-111
Approval	c UL us listed (OL)
Certificate issuing authority	UL E504946
Cable designation	Without inscription label holder
Product weight	1556 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Angled
Electrical connection 1, connector system	M12x1, T-coded according to EN 61076-2-111
Electrical connection 1, number of connections/cores	4
Electrical connection 1, used connections/cores	4
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection 1, connection pattern	Socket, M12x1 T-coded according to EN 61076-2-111, 4-pin
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	4
Electrical connection 2, used connections/cores	4
Operational voltage range DC	0 V ... 63 V
Current rating at 40° C	12 A
Immunity to surge	1.5 kV
Shielding	no
Cable length	15 m
Cable characteristic	Suitable for energy chains
Test conditions cable	Test conditions on request
Bending radius, fixed cable	≥34 mm
Bending radius, moving cable	≥68 mm
Cable diameter	6.75 mm
Cable diameter tolerance	± 0.2 mm
Cable structure	4 x 1.5 mm <sup>2</sup>
Nominal cross section conductor	1.5 mm <sup>2</sup>
Wire ends	Sheath removed
Degree of protection	IP65 IP67
Note on degree of protection	In assembled state

<b>Feature</b>	<b>Value</b>
Ambient temperature	-50 °C ... 85 °C
Ambient temperature with moving cable	-30 °C ... 85 °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-B2-L
Note on materials	RoHS-compliant
Pollution degree	3
Corrosion resistance class CRC	2 - Moderate corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Black
Material housing	PA
Housing colour	Black
Material screw-type lock	Die-cast zinc, nickel-plated
Material seals	NBR
Material electrical contact	Brass
Material insulating sheath	PP