Connecting cable
NEBL-T12W4-E-15-N-LE4
Part number: 8080781

FESTO

Data sheet

Feature	Value
Based on the standard	EN 61076-2-111
Authorization	c UL us - Listed (OL)
Certificate issuing department	UL E504946
Cable identification	Without inscription label holder
Product weight	1,556 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Plug 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 lock
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	4
Electrical connection 2, occupied pins/wires	4
Operating voltage range DC	0 ... 63 V
Acceptable current load at 40°C	12 A
Surge strength	1.5 kV
Shielding	No
Cable length	15 m
Cable attribute	Suitable for energy chains
Test conditions of cable	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 structure	4x1,5
Nominal conductor cross-section	1.5 mm2
Wire ends	Sheath removed
Protection class	IP65
	IP67
Note on degree of protection	in assembled condition
Ambient temperature	-25 ... 80 °C
Ambient temperature with flexible cable installation	-25 ... 80 °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-B2-L
Materials note	Conforms to RoHS
Degree of contamination	3
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath color	Black
Material housing	PA

Feature	Value
Housing color	Black
Material screw-type lock	Nickel-plated die-cast zinc
Material seals	NBR
Material electrical contact	Brass
Material insulation	PP