adapter
NEFC-M12G8-0.3-M12G5-LK
Part number: 8080777

FESTO
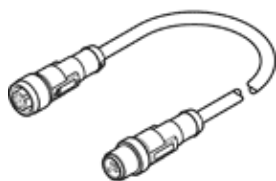
Data sheet

Feature	Value
Based on the standard	EN 61076-2-101
Protocol	IO-Link
Authorisation	c UL us - Listed (OL)
Cable identification	Without inscription label holder
Product weight	30 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	Straight
Electrical connection 1, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection 1, number of pins/wires	8
Electrical connection 1, occupied pins/wires	3
Electrical connection 1, type of mounting	Screw lock
Electrical connection 2, function	Controller side
Electrical connection 2, design	Round
Electrical connection 2, connection type	Plug
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection 2, number of pins/wires	5
Electrical connection 2, occupied pins/wires	3
Electrical connection 2, type of mounting	Screw lock
Electrical connection 3, occupied pins/wires	3
Operating voltage range DC	0 ... 60 V
Operating voltage range AC	0 ... 48 V
Acceptable current load at 40°C	2 A
Surge strength	0.8 kV
Shielding	No
Cable length	0.3 m
Cable attribute	Suitable for energy chains
Test conditions of cable	Test conditions on request
Bending radius, fixed cable installation	>= 26 mm
Bending radius, flexible cable installation	>= 26 mm
Cable diameter	5.1 mm
Cable diameter tolerance	± 0,2 mm
Cable structure	5x0,34
Nominal conductor cross-section	0.34 mm2
Protection class	IP65
	IP67
Note on degree of protection	in assembled condition
Ambient temperature	-25 ... 90 °C
Ambient temperature with flexible cable installation	-25 ... 90 °C
CE mark (see declaration of conformity)	in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
Certificate issuing department	UL E474609
PWIS conformity	VDMA24364-B2-L
Materials note	Conforms to RoHS

Feature	Value
Degree of contamination	3
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Silver-grey
Material housing	TPE-U(PUR)
Housing colour	Black
Material screw-type lock	Nickel-plated die-cast zinc
Material seals	NBR
Material electrical contact	Brass
Material insulation	PP