

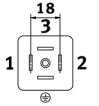
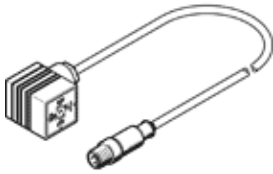
# connecting cable

## NEBC-A1W3-K-0.3-N-M12G5

Part number: 549294

FESTO

From the drive or displacement encoder MLO-POT-...-TLF to the sensor interface CASM



## Data sheet

Feature	Value
Based on the standard	EN 61076-2-101
Cable identification	Without inscription label holder
Product weight	188 g
Electrical connection	5-pin M12x1 Plug straight Square design/angled
Electrical connection 1, function	Field device side
Electrical connection 1, design	Angular
Electrical connection 1, connection type	Plug socket
Electrical connection 1, cable outlet	Angled
Electrical connection 1, connection technology	Plug pattern type A to EN 175301-803
Electrical connection 1, number of pins/wires	3
Electrical connection 1, occupied pins/wires	3
Electrical connection 1, type of mounting	Central screw M3
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	4
Operating voltage range DC	0 ... 60 V
Operating voltage range AC	0 ... 60 V
Acceptable current load at 40°C	4 A
Surge strength	1.5 kV
Protective earth connection	Available
Shielding	Yes
Cable length	0.3 m
Cable attribute	Standard
Test conditions of cable	Test conditions on request
Min. cable bending radius	90 mm
Bending radius, fixed cable installation	≥ 90 mm
Cable diameter	5.9 mm
Permissible cable diameter	5.7 ... 6.1 mm
Cable structure	4x0,34
Nominal conductor cross-section	0.34 mm <sup>2</sup>
Protection class	IP65
Note on degree of protection	in assembled condition
Ambient temperature	-25 ... 80 °C
Ambient temperature with flexible cable installation	-5 ... 70 °C
CE mark (see declaration of conformity)	in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions

Feature	Value
PWIS conformity	VDMA24364-B2-L
Materials note	Conforms to RoHS
Degree of contamination	3
Corrosion resistance classification CRC	0 - No corrosion stress
Material cable sheath	PVC TPE-U(PUR)
Cable sheath colour	Grey
Material housing	PA TPE-U(PUR)
Housing colour	Black
Material insulation	PVC