

# Displacement Encoder MLO-POT-150-LWG - Festo 192214

<b>Item no.</b>	FES-192214	<b>Manufacturer</b>	Festo
<b>Manufacturer no.</b>	MLO-POT-150-LWG	<b>EAN</b>	4052568150846

Festo pneumatic component for industrial automation and compressed-air applications in proven quality.

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Condition of article	<b>New</b>
HS-Code	<b>90318020</b>
Hub [mm]	<b>150.000000</b>
Schutzart	<b>IP65</b>
Weight	<b>0.6 kg</b>
Werkstoff	<b>Aluminium</b>



## STANDARDS & COMPLIANCE

IEC 60529 IEC 68

## DESCRIPTION

Festo pneumatic component for industrial automation and compressed-air applications in proven quality. The key technical data of this genuine Festo article are listed below.

CE certificate (see declaration of conformity)	to EU EMC directive
Measurement principle	travel measurement system
ambient temperature [°C]	-30 to 100
Recommended grinder current [µA]	< 1 µA
Max. grinder current short term [µA]	10.000
Max. movement speed [m/s]	5
Max. movement acceleration [m/s <sup>2</sup> ]	200
Resolution travel [mm]	0,01
Independent linearity	0.08 %
Temperature coefficient [ppm/K]	5
Stroke [mm]	150

output signal	Analogue
Connection resistance [kOhm]	5
Tolerance connection resistance [%]	20
Nominal operating voltage DC [V]	10
Max. operating voltage DC [V]	42
Permitted voltage oscillations	&lt; 1 %
Max. power input [mA]	4
Electrical connection	16 mm 4 pin Plug Square shape
Construction set up	With Pusher rod Round profile
Angle offset carrier	± 12.5 °
installation position	arbitrary
Product weight [g]	600
Housing material	Aluminium wrought alloy anodized
Cover material	PBT reinforced
Pusher rod material	High-alloyed stainless steels
Bearing seal material	NBR
Rod seal material	PTFE
Protection category	IP65 acc. to IEC 60529
Oscillation strength to DIN/IEC 68 part 2-6	Tested to severity class 2
Continuous impact strength DIN&EC 68 parts 2-82	Tested to severity class 2