

Displacement Encoder MME-MTS-1250-TLF-AIF - Festo 178302

Item no. FES-178302

Manufacturer Festo

EAN 4052568144067

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

TECHNICAL DATA

HS-Code	90318020
Hub [mm]	1.200000
Schutzart	IP65
Weight	2.6 kg
Werkstoff	Aluminium



STANDARDS & COMPLIANCE

IEC 60529 IEC 68 DIN 45322

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	Digital
ambient temperature [°C]	-40 to 75
Max. movement speed [m/s]	10
Max. movement acceleration [m/s²]	200
Resolution travel [mm]	< 0,01 mm
Independent linearity	0.02 % at least ± 50 µm
Temperature coefficient [ppm/K]	15
Stroke [mm]	1.250
output signal	CAN protocol type SPF-AIF
Nominal operating voltage DC [V]	24

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Permitted voltage oscillations	-15 % / +20 %
Max. power input [mA]	90
Electrical connection	6 pin In compliance with DIN 45322 Round shape Plug
Construction set up	Closed profile With Sliding carriage
Parallel offset coupling	± 1,5 mm
Angle offset carrier	± 1 °
installation position	arbitrary
Product weight [g]	1.850
Housing material	Aluminium wrought alloy anodized
Sliding carriage housing material	PBT reinforced Permanent magnet
Sliding carriage coupling material	Steel
Cover material	Aluminium die casting painted
Assembly clamps material	PEI
Protection category	IP65 acc. to IEC 60529
Oscillation strength to DIN/IEC 68 part 2-6	Tested to severity class 1
Continuous impact strength DIN&EC 68 parts 2-82	Tested to severity class 1