

Displacement encoder MME-MTS-450-TLF-AIF

Part number: 178307

FESTO



Data sheet

Feature	Value
Short type code	MME
CE mark (see declaration of conformity)	To EU EMC Directive
Functional principle of measuring system	Digital
Ambient temperature	-40 °C ... 75 °C
Max. travel speed	10 m/s
Max. travel acceleration	200 m/s ²
Displacement resolution	<0.01 mm
Non-dependent linearity	0.02% Min. ± 50 µm
Temperature coefficient	15 ppm/K
Stroke	450 mm
Output signal	CAN protocol type SPC-AIF
Nominal operating voltage DC	24 V
Permissible voltage fluctuations	-15%/+20%
Max. current consumption	90 mA
Electrical connection	6-pin Plugs To DIN 45322 Round design
Design	Closed profile With moving slide
Parallel offset of coupling	± 1.5 mm
Angle offset of driver	± 1 °
Mounting position	optional
Product weight	890 g
Material housing	Wrought aluminium alloy Anodised
Material slide housing	PBT-reinforced Permanent magnet
Material slide coupling	Steel
Material cover	Die-cast aluminium Painted
Material mounting clips	PEI
Degree of protection	IP65 To IEC 60529
Vibration resistance to DIN/IEC 68 Part 2-6	Tested according to severity level 1
Continuous shock resistance to DIN/IEC 68 Part 2-82	Tested according to severity level 1