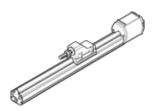
## Displacement encoder MME-MTS-750-TLF-AIF Part number: 178304

**FESTO** 

With absolute displacement encoder, 750 mm effective electrical displacement, for axis controller type SPC-200



## **Data sheet**

Feature	Value
CE symbol (see declaration of conformity)	according to EU-EMV guideline
	in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC
	To UK RoHS instructions
Measuring method: displacement encoder	Digital
Ambient temperature	-40 75 °C
Max. travel speed	10 m/s
Max. travel acceleration	200 m/s2
Travel resolution	< 0.01 mm
Independent linearity	0,02 %
	At least ± 50 μm
Temperature coefficient	15 ppm/K
Stroke	750 mm
Output signal	CAN protocol, type SPC-AIF
Nominal operating voltage DC	24 V
Permissible voltage fluctuation	-15 % / +20 %
Max. current consumption	90 mA
Electrical connection	6-pin
	Plug
	Per DIN 45322
	Round design
Design structure	Closed profile
	With slide
Parallel offset, coupling	± 1,5 mm
Angle offset, actuator	± 1 °
Assembly position	Any
Product weight	1,250 g
Material housing	Wrought Aluminum alloy
	Anodized
Material of sliding carriage housing	PBT-reinforced
	Permanent magnet
Material of sliding carriage coupling	Steel
Material cover	Aluminum die cast
	Painted
Material of assembly brackets	PEI
Protection class	IP65
· · · · · · · · · · · · · · · · · ·	to IEC 60529
Vibration resistance per DIN/IEC 68, parts 2 - 6	Tested in accordance with severity level 1
Continuous shock resistance per DIN/IEC 68, parts 2 - 82	Tested in accordance with severity level 1
PWIS conformity	VDMA24364-B2-L