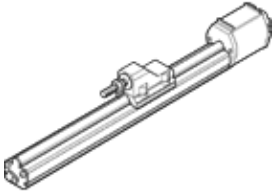


Displacement encoder MME-MTS-500-TLF-AIF

Part number: 178306

FESTO

With absolute displacement encoder, 500 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/s ² |
| Travel resolution | < 0.01 mm |
| Independent linearity | 0,02 % At least ± 50 µm |
| Temperature coefficient | 15 ppm/K |
| Stroke | 500 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 | 950 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 |