

Servo motor EMMT-AS-190-MKR-HS-R3MYB

Part number: 8148389

FESTO



 [General operating condition](#)

Datasheet product reliability

The information in this "Product reliability data sheet" is based on products being used as intended. This includes complying with all specifications in data sheets, catalogues, user documentation and the general operating conditions. The user alone is responsible for determining whether a product is suitable for a particular application.

Feature	Value
Certificate issuing authority	TÜV 968/FSP 2317.01/25 UL E342973
PFHd, subcomponent ¹⁾	15 x 10E-9, encoder
Mean time to failure (MTTF), subcomponent ²⁾	190 years, rotor position sensor
Switching cycles holding brake	5 million idle actuations (without friction work!)
Duration of use Tm, subcomponent	20 years, rotor position sens
Vibration resistance	To EN 60068-2-6
Shock resistance	15 g/11 ms to EN 60068-2-27 To EN 60068-2-29
CE mark (see declaration of conformity)	To EU EMC Directive To EU RoHS Directive To EU Low Voltage Directive

- 1) For components affected by wear this value will be reached, if for the precise application the mean number of annual operations (nop) is equal or lower than the assumed annual operations of this product. The assumed mean number of annual operations is stated in this datasheet.
- 2) The ascertainment of the MTTF value is based on the IEC 61709 "Electric components - Reliability - Reference conditions for failure rates and stress models for conversion" respectively on the SN 29500.