

Inspection Certificate



Certificate No **968/INS 464.00/24**

Client / Certificate Owner	Festo SE & Co. KG Ruiter Straße 82 D-73734 Esslingen Germany	
Product	Mechanical connection between encoder-rotor and servo motors	
Type designation	EMMT-AS-60-...-MY... EMMT-AS-80-...-MY... EMMT-AS-100-...-MY...	
Standards applied for inspection	EN 61800-5-2:2017	EN ISO 13849-2:2012
Inspection Results	The loss or loosening of the mechanical attachment between encoder-rotor and servo drive (shaft and housing) according to EN 61800-5-2, table D.8 and the breakage of the motor shaft according to EN ISO 13849-2:2012, A.4 can be excluded. This fault exclusion is valid for safety functions, based on the safe speed or position information of the encoder, in applications up to Cat. 3 / PL d according to EN ISO 13849-1:2023 and SIL 2 according to EN 61800-5-2 and SILCL 2 according to EN 62061:2021 + A1:2024. For safety functions, based on the safe speed or position information of the encoder, in applications up to Cat. 3 / PL e according to EN ISO 13849-1:2023 and SIL 3 according to EN 61800-5-2 and SILCL 3 according to EN 62061:2021 + A1:2024 additional diagnostic measures are required. The instructions of the associated Installation, Operation and Safety Manuals shall be considered.	
Inspection Period	2021-02-01 - 2024-08-22	

Cologne, 2024-09-13

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Inspection Body of TÜV Rheinland Industrie Service GmbH, Automation - Functional Safety, www.tuvasi.com
The issue of this inspection certificate is based upon an inspection in accordance with the Inspection Program INS FSP1 V1.0:2017 in its actual version, whose results are documented in Report No. 968/INS 464.00/24 dated 2024-08-15. Issued by the inspection body accredited by DAkkS according to DIN EN ISO/IEC 17020. The accreditation is only valid for the scope listed in the annex to the accreditation certificate D-IS-11052-04-03.