UK Type-Examination Certificate

For UK Regulations SI 2008 No. 1597
The Supply of Machinery Regulations 2008

Reg.-No.: 01/205U/5516.01/26

Product tested	Incremental Safety Rotary Encoder	**Certificate holder**	TR Electronic GmbH Eglishalde 6 78647 Trossingen Germany
Type designation	I_58, Details see current Revision List		
Codes and standards	EN 61800-5-2:2007 EN 61800-5-2:2017		EN ISO 13849-1:2023 EN 61508 Parts 1-3:2010
Intended application	For realization of the safety functions SLS, SSR, SSM, SLA and SAR the products comply with the requirements of SIL 3 acc. to EN 61800-5-2 / EN 61508 and PL e / Cat. 3 acc. to EN ISO 13849-1. They can be used in applications up to SIL 3 acc. to EN 61800-5-2 / EN 61508 / EN IEC 62061:2021 + A1:2024 and PL e acc. to EN ISO 13849-1 as well as in applications regarding EN 60204-1:2018 + A1:2025. For realization of the safety functions SDI, SS1-d, SS1-r, SS2-d, SS2-r, SOS, SLP, SLI, and SCA, the products comply with the requirements of SIL 2 acc. to EN 61800-5-2 / EN 61508 and PL d / Cat. 3 acc. to EN ISO 13849-1. They can be used in applications up to SIL 2 acc. to EN 61800-5-2 / EN 61508 / EN IEC 62061:2021 + A1:2024 and PL d acc. to EN ISO 13849-1 as well as in applications regarding EN 60204-1:2018 + A1:2025.		
Specific requirements	The instructions of the associated Installation and Operating Manual shall be considered.		

This product is in conformity with all requirements of SCHEDULE 2, PART 1 (Annex I) of SI 2008 No. 1597.
This Type-Examination certificate refers to an evaluation of the above mentioned product as stipulated in SCHEDULE 2, PART 9 (Annex IX) of SI 2008 No. 1597.

Valid until 2031-08-20

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1285.04/26 dated 2026-08-18.
This certificate is valid only for products which are identical with the product tested.

TUV Rheinland UK Ltd.
A UKAS accredited certification body, No. 8400

Köln, 2026-08-20

Approved Body for Machinery, No. 2571

Dipl.-Ing. Gebhard Bouwer

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