

# EC Type-Examination Certificate



**Reg.-No.: 01/205/6004.01/25**

<b>Product tested</b>	Incremental Encoders for Safety Applications	<b>Certificate holder</b>	TWK-ELEKTRONIK GmbH Bismarckstraße 108 40210 Düsseldorf Germany
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<b>Type designation</b>	SOI58, SOI59, SOI58-T, SOI90-T-A, SOI90-T-V, SOI58-HK, SOI58-HB Details see Revision List
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<b>Codes and standards</b>	EN 61800-5-2:2007 EN 61800-5-2:2017	EN ISO 13849-1:2023 EN 61508 Parts 1-7:2010
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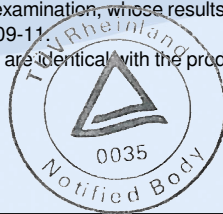
<b>Intended application</b>	Safety-related speed and position measurement at rotary machines. The encoders comply with the requirements of the relevant standards (Cat. 4 / PL e acc. to EN ISO 13849-1, SIL 3 acc. to EN 61800-5-2 / EN 61508) and can be used in applications up to Cat. 4 / PL e acc. to EN ISO 13849-1 and SIL 3 acc. to EN 61508. The product can be used in the application area of EN IEC 62061:2021 + A1:2024.
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<b>Specific requirements</b>	The instructions of the associated Installation and Operating Manual shall be considered.
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It is confirmed that the product under test complies with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.

Valid until 2030-07-07

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 2810.01/25 dated 2025-09-11.  
This certificate is valid only for products which are identical with the product tested.



Köln, 2025-09-22

Notified Body for Machinery, NB 0035

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