


EC DECLARATION OF CONFORMITY

TWK-ELEKTRONIK GmbH declares that the products listed below meet the requirements of the EC Directives indicated with respect to design and manufacturing. This declaration becomes invalid in the case of any modification to the product not authorized by TWK-ELEKTRONIK GmbH.

SAFETY INCREMENTAL ENCODERS

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|---|--|
| Products / models | SOI58/S3 with solid shaft SOI59/S3 with solid shaft SOI58-T/S3 with through hollow shaft SOI90-T/S3 with through hollow shaft (Aluminium: SOI90-T-A/S3, Stainless steel: SOI90-T-V/S3) SOI58-H/S3 with blind shaft (-HB) or tapered blind shaft (-HK) |
| Directives | EC Directive on Machinery 2006/42/EC EC Directive EMC 2014/30/EU EC Directive Low Voltage 2014/35/EU |
| Applied harmonized standards, especially | EN ISO 13849-1:2015, Performance Level "e" (PLe) IEC 61508 Part 1 to 7:2010, SIL3 IEC 62061:2015, SIL CL 3, Safety of Machinery IEC 61800-5-2:2017 |
| Technical specifications | Datasheet 17171 Datasheet 17172 Datasheet 17173 Datasheet 17174 Datasheet 17198 Handbook 17141 |
| Company | TWK-ELEKTRONIK GmbH Bismarckstraße 108 40210 Düsseldorf, Germany Tel. +49 211 96117-0 |
| Authorized person for technical documentation | Dipl.-phys. Achim Albertini (Technical staff) |
| Designated body for certification (EC type examination) | TÜV Rheinland Industrie Service GmbH Am Grauen Stein 51105 Köln / Germany Tel.: +49 (0) 221 806 3262 Notified Body Nr.: 0035 |
| Number of the EC type examination certificate | 01/205/6004.01/25 (TWK doc.-no.: SOI17204) |
| Date | 22 September 2025 |
| Name / Responsible | Dr. Felix Steinbach (CEO) |
| Department | Management |
| Signature |  |