

# EC Type-Examination Certificate



Functional  
Safety

www.tuv.com  
ID 0600000000

**Reg.-No.: 01/205/5279.02/20**

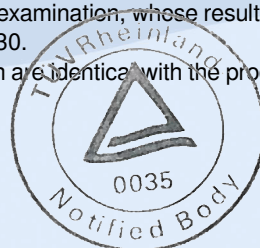
|                              |  |  |  |
|------------------------------|--|--|--|
| <b>Product tested</b>        | Safety Function "Safe Torque Off" (STO) within the following Optidrive controllers   | <b>Certificate holder</b>  | Invertek Drives Ltd.<br>Offa's Dyke Business Park<br>Welshpool, Powys SY21 8JF<br>United Kingdom |
| <b>Type designation</b>      | Optidrive ODP-2 Sx, x=2*, 3*, 4*, 5, 6, 7<br>Optidrive ODV-3 Sx, x=2*,3*,4*, 5, 6, 7<br>* Not Outdoor IP66 rating  |  |  |
| <b>Codes and standards</b>   | IEC 61800-5-2:2016<br>EN 61800-5-1:2007 + A1:2017 (in extracts)<br>EN 61800-3:2018<br>EN 62061:2005 + AC:2010 + A1:2013 + A2:2015  | EN ISO 13849-1:2015<br>EN 60204-1:2018 (in extracts)<br>IEC 61508 Parts 1-7:2010 |  |
| <b>Intended application</b>  | The safety function "Safe Torque Off" (STO) complies with the requirements of Cat. 3 / PL d acc. to EN ISO 13849-1 and SIL CL 2 / SIL2 acc. to IEC 61800-5-2 / EN 62061 / IEC 61508 and can be used in applications up to these safety levels. |  |  |
| <b>Specific requirements</b> | The instructions of the associated Installation and Operating Manual shall be considered.  |  |  |

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 2025-01-30

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/M 374.02/20 dated 2020-01-30.

This certificate is valid only for products which are identical with the product tested.



Köln, 2020-01-30

Notified Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno