

Certificate

PROFIBUS Nutzerorganisation e.V. grants to

TR-Electronic GmbH

Eglshalde 6, 78647 Trossingen, Germany

the Certificate No: **Z35018** for the Device with ENCODER functionality:

Model Name: CD_582_-EPN
 Order_ID: CD_582_-EPN
 Revision: SW/FW: V2.0.1; HW: 2

This certificate confirms that the product has successfully passed the certification tests with the following scope:

| | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Encoder Class 3, Isochronous operation, Position feedback interface (mandatory for EC 3) |
| <input checked="" type="checkbox"/> | Encoder Class 4, Isochronous operation, Position feedback interface, scaling functionality (optional for EC 4) |
| <input checked="" type="checkbox"/> | Parameter access BMP, profile parameters, different ARs (optional for EC 1, mandatory for EC 2, EC 3 and EC 4) |
| <input checked="" type="checkbox"/> | Parameter description (optional) |
| <input checked="" type="checkbox"/> | Alarm channel (mandatory) |
| <input checked="" type="checkbox"/> | Speed actual value (optional for EC 1, EC 3 and EC 4, mandatory for EC 2) |
| <input checked="" type="checkbox"/> | Set-/shift home position (optional for EC 1, EC 2 and EC 3, mandatory for EC 4) |

Test Report Number: EN 011-1
 Authorized Test Laboratory: SIEMENS AG, Fürth, Germany

The tests were executed in accordance with the following documents:

"Test Specification for Encoder profile V4.2, Version 1.2, April 2021".

This certificate is granted according to the document:

"Framework for testing and certification of PROFIBUS and PROFINET products".

For all products that are placed in circulation by **August 15, 2028** the certificate is valid for life.

Karlsruhe, October 09, 2025



(Official in Charge)

Board of PROFIBUS Nutzerorganisation e. V.



(Xaver Schmidt)




(Frank Moritz)