

Certificate

PROFIBUS Nutzerorganisation e.V. grants to

TR-Electronic GmbH

Eglisshalde 6, 78647 Trossingen, Germany

the Certificate No: **Z12364** for the PROFINET IO Device:

Model Name: CD_582_-EPN
 Revision: SW/FW: V2.0.1; HW: 2
 Identnumber: 0x0153; 0x0404
 GSD: GSDML-V2.44-TR-0153-CD_582_-EPN-20250815.xml
 DAP: IDD_1: CD_582_-EPN, 0x00000041

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

| | |
|---|---|
| <input checked="" type="checkbox"/> PNIO_Version | V2.44 |
| <input checked="" type="checkbox"/> Conformance Class | C |
| <input checked="" type="checkbox"/> Optional Features: | Legacy, FSU, MRP, MRPD, System Redundancy, Security Class 1 |
| <input checked="" type="checkbox"/> Application Class | HighAvailability, Isochronous, Encoder |
| <input checked="" type="checkbox"/> Netload Class | III |
| <input checked="" type="checkbox"/> PNIO_Tester_Version | V2.45.0 with annex spirta |
| <input checked="" type="checkbox"/> Tester | SIEMENS AG, Fürth, Germany, PN527-2 |

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

Board of PROFIBUS Nutzerorganisation e. V.



(Official in Charge)



(Xaver Schmidt)




(Frank Moritz)