



## Certificate

PROFIBUS Nutzerorganisation e.V. grants to

**TWK Elektronik GmbH**

Bismarckstr.108, 40210 Düsseldorf, Germany

the Certificate No: **Z13999** for the PROFINET IO Device:

Model Name: NBT-D/S3  
 Revision: SW/FW: V3.5.5; HW: 3  
 Identnumber: 0x0159; 0x8000  
 GSD: GSDML-V2.44-TWK-NBT-D-S3-20241219.xml  
 DAP: DAP 1: NBT-D/S3; 0x00000001

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

|   |                                     |
|---|-------------------------------------|
| <input checked="" type="checkbox"/> PNIO_Version        | V2.43                               |
| <input checked="" type="checkbox"/> Conformance Class   | C                                   |
| <input checked="" type="checkbox"/> Optional Features   | Legacy, MRP                         |
| <input checked="" type="checkbox"/> Application Class   | Functional Safety                   |
| <input checked="" type="checkbox"/> Netload Class       | III                                 |
| <input checked="" type="checkbox"/> PNIO_Tester_Version | Version V2.44.1 with annex spirta   |
| <input checked="" type="checkbox"/> Tester              | SIEMENS AG, Fürth, Germany; PN861-1 |

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 **January 21, 2028** the certificate is valid for life.

Karlsruhe, February 11, 2025

Board of PROFIBUS Nutzerorganisation e. V.

(Official in Charge)



(Xaver Schmidt)

(Frank Moritz)