

# Certificate

PROFIBUS Nutzerorganisation e.V. grants to

**TWK-ELEKTRONIK GmbH**

Heinrichstr. 85, 40239 Düsseldorf, Germany

the Certificate No: **Z12017** for the PROFINET Device:

Model Name: NBT  
 Revision: SW/FW: V1.1.0; HW: 1  
 Identnumber: 0x0159; 0x8000  
 GSD: GSDML-V2.32-TWK-NBTS3-20170703.xml  
 DAP: DAP 1: NBT, 0x00000001

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

<input checked="" type="checkbox"/>	PNIO_Version	V2.32
<input checked="" type="checkbox"/>	Conformance Class	C Optional features: Legacy, FSU, MRP
<input checked="" type="checkbox"/>	Netload Class	III
<input checked="" type="checkbox"/>	PNIO_Tester_Version	Version 2.34.0 with annex spirta
<input checked="" type="checkbox"/>	Tester	SIEMENS AG, Fürth, Germany, PN485-1

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 26, 2021** the certificate is valid for life.

Karlsruhe, February 20, 2018

Board of PROFIBUS Nutzerorganisation e. V.



(Official in Charge)



(Karsten Schneider)




(Dr. Jörg Hähnliche)