

Certificate

PROFIBUS Nutzerorganisation e.V. grants to

Helmholz GmbH & Co. KG

Hannberger Weg 2, 91091 Grossenseebach, Germany

the Certificate No: **Z11339** for the PROFINET IO Device:

Model Name: TB20 PROFINET Coupler
 Revision: SW/FW: V2.0.0; HW: 6
 Identnumber: 0x021B; 0x0007
 GSD: GSDML-V2.35-Helmholz-TB20-PN-20200923.xml
 DAP: DAP 1, 0x00000001

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

<input checked="" type="checkbox"/>	PNIO_Version	V2.35
<input checked="" type="checkbox"/>	Conformance Class	C
<input checked="" type="checkbox"/>	Optional Features	Legacy, DeviceAccessSupported, MRP
<input checked="" type="checkbox"/>	Application Class	Isochronous
<input checked="" type="checkbox"/>	Netload Class	III
<input checked="" type="checkbox"/>	PNIO_Tester_Version	Version 2.41.0 with annex spirta
<input checked="" type="checkbox"/>	Tester	AIT, Gummersbach, Germany; PN AIT-20-18

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 **September 28, 2023** the certificate is valid for life.

Karlsruhe, October 13, 2020



(Official in Charge)

Board of PROFIBUS Nutzerorganisation e. V.



(Karsten Schneider)




(Dr. Jörg Hähnliche)