Certificate

PROFIBUS Nutzerorganisation e.V. grants to

TR-Electronic GmbH
Eglishalde 6, 78647 Trossingen, Germany

the Certificate No: **Z10612** for the PROFINET IO Device:

Model Name:	Rotative encoder C__65_-EPN with SSI output
Revision:	1; SW/FW: V6.6.0; HW: 1
GSD:	GSDML-V2.3-TR-0153-PNRotative-20151201.xml
Identnumber:	0x0153; 0x0102
DAP:	IDD_DAP8: C__65_-EPN + SSI, 0x00000002

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

☑	Hardware	Auto_Negotiation, Auto_Polarity, Auto_Crossover
☑	Conformance Class B, C	RT_CLASS_1, RT_CLASS_2, RT_CLASS_3, RTA, LLDP, SNMP, MIB-II, LLDP-MIB

Test Report Number:	PN227-1, IRT050-1
Authorized Test Laboratory:	Siemens AG, Fürth, Germany

The tests were executed in accordance with the following documents:
"Test Specifications for PROFINET IO devices, Version 2.2.4 from December 2010" and
"Test Cases for PN-Tester for PROFINET IO devices, Version 2.2.4.16.21",
"Test Specifications for PROFINET IO devices, Version V2.2.4 from December 2010",
"PROFINET IO IRT Test Cases V2.2.4.2 from December 2010", "test system V2.2.4.16.21 with annex spirta 2.2.4.2.212".

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 **June 18, 2025** the certificate is valid for life.

Karlsruhe, August 04, 2022

Board of PROFIBUS Nutzerorganisation e. V.

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(Official in Charge)

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(Karsten Schneider)

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(Frank Moritz)