

Absolute multiturn rotary encoder-TRT/S3 with PROFIsafe via PROFINET interface

SUPREME SENSING
TWK

Document no.: TRT 13184 CE
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Certificate

PROFIBUS Nutzerorganisation e.V. grants to

TWK-ELEKTRONIK GmbH

Bismarckstr. 108, 40210 Düsseldorf, Germany

the Certificate No: **Z10752** for the PROFINET IO Device:

Model Name: TRT/S3
Revision: SW/FW: V1.2.8; HW: 1
Identnumber: 0x0159; 0x6300
GSD: GSDML-V2.3-TWK-TRTS3-20140331.xml
DAP: DAP 1: TRT/S3, 0x00000001

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

<input checked="" type="checkbox"/> Hardware	Auto_Negotiation, Auto_Polarity, Auto_Crossover
<input checked="" type="checkbox"/> Conformance Class B, C	RT_CLASS_1, RT_CLASS_3, RTA, LLDP, SNMP, MIB-II, LLDP-MIB

Test Report Number: PN281-1, IRT062-1
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 **April 11, 2023** the certificate is valid for life.

Karlsruhe, June 09, 2020

Board of PROFIBUS Nutzerorganisation e. V.

(Official in Charge)

(Karsten Schneider)



(Dr. Jörg Hähnliche)