

# Certificate

PROFIBUS Nutzerorganisation e.V. grants to

**TR-Electronic**  
**Eglshalde 6, 78647 Trossingen, Germany**

the Certificate No: **Z10330** for the PROFINET IO Device:

**Model Name: CO-58**  
**Revision: 1.0; SW/FW: V3.1.0; HW: 1**  
**GSD: GSDML-V2.2-TR-PNHaubeV31-20110208.xml**  
**Version 2.25 Date September 2010**  
**Identnumber: 0x0153; 0x0102**  
**DAP: DAP 5: CO-58 V3.1, 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, SNMP, MIB-II, LLDP-MIB


**Test Report Number: PN127-1, irt008-1**  
**Authorized Test Laboratory: SIEMENS AG, Fürth, Germany**

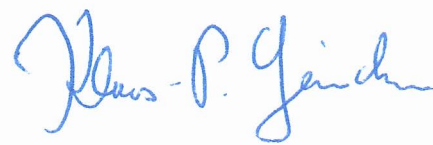
The tests were executed in accordance with the following documents:  
"Test Specifications for PROFINET IO devices, Version 2.2.2 from Jan 2008",  
"Test Cases for PN-Tester for PROFINET IO devices, Version 2.2.2.14.18",  
"Test Specifications for PROFINET IO devices, Version 2.2.3 from September 2010",  
"PROFINET IO IRT Test Cases V2.2.3.1.1 from September 2010",  
"test system V.2.2.2.14.18 with annex spirta 2.2.3.2.210".

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 March 31, 2014 the certificate is valid for life.

Board of PROFIBUS Nutzerorganisation e.V.

  
(Official in Charge) **PROFI**<sup>®</sup>  
**NET**

  
(Jörg Freitag)

  
(K.-P. Lindner)