

Certificate

PROFIBUS Nutzerorganisation e.V. grants to

Grundfos Holding A/S

Poul Due Jensens Vej 7, DK-8850 Bjerringbro, Denmark

the Certificate No: **Z10712** for the PROFINET IO Device:

Model Name: CIM 500
Revision: SW/FW: V1.07; HW: R03
Identnumber: 0x014A; 0x01F4
GSD: GSDML-V2.3-Grundfos-CIM500PNIO-20131225-104500.xml
DAP: IDD_1: Grundfos Management A/S PROFINET IO Reference Device for Grundfos Pumps, 0x00000B5A

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	RT_CLASS_1, RTA, LLDP, SNMP, MIB-II, LLDP-MIB

Test Report Number: PN272-1
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".

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 18, 2017 the certificate is valid for life.

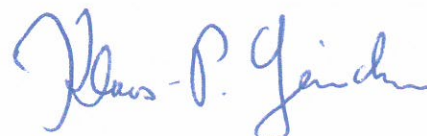
Board of PROFIBUS Nutzerorganisation e. V.



(Official in Charge)



(Karsten Schneider)

(K.-P. Lindner)