

Certificate

PROFIBUS Nutzerorganisation e.V. grants to

MURRELEKTRONIK GMBH
Falkenstrasse 3, 71570 Oppenweiler, Germany

the Certificate No: **Z10048** for the PROFINET IO Device:

Model Name: MVK-MPNIO V3.0
Revision: -; SW/FW: 3; HW: 1
GSD: GSDML-V2.2-Murrelektronik-MVK_MPNIO-20090317.xml
Identnumber: 0x012F; 0x0121
DAP: 55283_V30

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, RT_CLASS_2, RTA, LLDP, SNMP, MIB-II, FSU

Test Report Number: itm 1022 PN 01/01
Authorized Test Laboratory: itm, München, Germany

The tests were executed in accordance with the following documents:
 "Test Specifications for PROFINET IO devices, Version 2.2.2 from October 2007",
 "Test Cases for PROFINET IO devices, Version 2.2.2.14 from September 2008".

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 May 26, 2015 the certificate is valid for life.

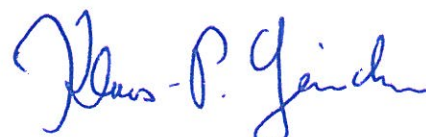
Board of PROFIBUS Nutzerorganisation e. V.



(Official in Charge)



(Karsten Schneider)

(K.-P. Lindner)