


PNO Test Report

No irt002-1

For PROFINET IO devices with IRT functionality – RT_CLASS_3

Relating to Main Test Report(s): PN 070-1

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Model_Name:	Sendix absolute
Vendor_Name:	KUEBLER GMBH
Revision:	1
Software Release:	V1.1.4
Hardware Release:	1
Application:	Sendix 58xx with encoder profile version 4.1
Vendor- / Device Ident Number	0x0198, 0x0001
GSD file	GSDML-V2.2-Kuebler-SendixAbsolute-20100113.XML
DAP / Module-ID	DAP 2: 58xx_EncoderProfile_4.1, 0x00000030

Summary:

suggested to be certified restrictions suggested not to be certified

Note: The test of the device is made according to following relevant documents and test systems:

- Test Specifications for PROFINET IO devices, Version V2.2.2 from Jan. 2008
- PROFINET IO IRT Test Cases V0.896 from June 2009
- test system V2.2.2.14.18 with annex spirta109

1.1. Tested functionality regarding RT_CLASS_3

- no errors detected with synchronization Best Master Address (BMA)
- no errors detected with Delay Request (PTCP)
- no errors detected with Delay Response (PTCP)
- no errors detected with synchronization (PTCP)
- no errors detected with Red Relay
- no errors detected with RTC3PSM (Port Statemachine for RT_CLASS_3)
- no errors detected with WD Test at RT_CLASS_3 operation
- no errors detected with statemachine MPSM
- no errors detected with statemachine SPSM
- no errors detected with statemachine SRPM
- no errors detected with statemachine CMDEV
- no errors detected with statemachine CPM
- no errors detected with statemachine PPM
- no errors detected with MuxDemuxScheduler
- no errors detected in Codings
- no problems detected with performance
- no errors detected in ExtPLL
- Errors detected in the following functionality

1.2. GSD File Check

No errors in GSD File detected

Errors in GSD File:

1.3. Application Specific Test for Synchronized Application

no synchronized application supported

no errors with synchronized application detected

errors in operation

2. Hints and Restrictions

2.1. Hints:

- no hints -

2.2. Restrictions:

- no restrictions -

3. Additional used Equipment for IRT Testing

MAC address	IP address	type / order no.	vendor	vendor-id / device-id	version
00:0e:8c:be:49:b5	192.168.0.30	S7 CPU 319	Siemens	0x002a / 0x0101	V3.1
00:0e:8c:be:4a:09	192.168.0.11	PC with CP1616	Siemens	0x002a / 0x0202	spirta109