

Exception 24-02

Date of receipt:	2024-august-30	-
Requestor	IO-Link community, Frank Moritz (Head of Quality)	
Exception Reference		

Approval

approved granted time limit until not granted

Date : 2024-september-24th Name: Frank Moritz

Sign :



State

- received
- in process by clearing group 2024- september -23th
- decision by WG Quality 2024- september -23th
- notification to steering committee 2024-november -15th

Incident description

master device other IO-Link IO-Link Safety IO-Link Wireless

Product Identification: *see specific Device manufacturer declaration claiming this exception*

Description

Test fail by reading PDinput or PDoutput descriptor if the length exceeds maximum ISDU size

If the PDinput or PDoutput descriptor exceeds the length of 232 Bytes the device shall response for the PDinput or PDoutput descriptor with a length of 'zero' (empty octet string).

Justification

Failure will compromise the IO-Link system no yes

Impact on IO-Link system: minor impact, the functionality is used very seldom

Impact on market: None

Impact for vendor:

Behavior of the PDinput or PDoutput descriptor of the device shall be documented in the user manual.

General:

This exception applies under the conditions stated in Annex A.

Annex A

Condition 1

The manufacturer must claim the general exception in Part B of the manufacturer declaration, see template of Part B below.

Part B - Conformance exceptions

We herewith declare the following deviations to the related specifications	Reason
PD descriptor length exceedance according to Exception 24-02	PDinput or PDoutput descriptor exceeds maximum length

Condition 2

The invocation of this exception must be indicated to the service center of the IO-Link Community

IO-Link Community, Ohiostraße 8, 76149 Karlsruhe, Germany or via info@io-link.com