IO-Link   **TURCK**

MANUFACTURER'S DECLARATION
OF CONFORMITY

We:

Hans Turck GmbH & Co. KG
Witzlebenstr. 7
45472 Mülheim an der Ruhr
Germany

declare under our own responsibility that the product(s):

PS510-25A-0x-LI2UPN8-H1141

to which this declaration refers conform to:

☒   IO-Link Interface and System Specification, V1.1.3, June 2019
      (NOTE 1,2)

☒   IO Device Description, V1.1.3, January 2021

☐   Additional conformance to Device Profiles
      (If checked refer to Part A on page 2)

☐   Conformance exceptions
      (If checked refer to Part B on page 2)

The conformity tests are documented in the test report(s):

TRPS0065 – Pressure2.1-SSP

H01134-17790_PS51x-25A-LI2UPN8_20230927.pdf

Issued at Hans Turck GmbH & Co. KG, September 6, 2024

Authorized signatory

Name:	*i. A. F. Bretschneider*
Title:	*Specialist Product Compliance*

Signature: *i. A. F. Bretschneider*

NOTE 1   Relevant Test specification is V1.1.3, January 2021   MD-Version: V1.1.3 / 2022-01
NOTE 2   Additional validity in Package 2020 and Corrigendum

Part A - Additional conformance to Device Profiles

	Specification
☐	IO-Link Common Profile Specification, V1.1, Dec. 2021
☐	IO-Link Profile BLOB Transfer & Firmware Update Specification, V1.1, Sept. 2019
☐	IO-Link Smart Sensors 2nd Edition Specification, V1.1, Sept. 2021

Annex – Conform products

100003748	PS510-25A-02-LI2UPN8-H1141
100003749	PS510-25A-03-LI2UPN8-H1141
100003750	PS510-25A-05-LI2UPN8-H1141
100003751	PS510-25A-08-LI2UPN8-H1141
100003752	PS510-25A-01-LI2UPN8-H1141
100003753	PS510-25A-04-LI2UPN8-H1141

Guideline for the Manufacturer Declaration

General rules:

- Please verify, that the correct and latest version of this form is used (correct specification references, latest release).

- Use this form as is and fill in only according to the 'How to use' description below.

- Additional descriptions apart from the predefined sections are not permitted.

- This page shall be removed prior to issuing a specific manufacturer declaration.

How to use:

Page 1: <company name>, <company address>

Fill in issuing authority with full name, legal body and full address information.

Page 1: <Trademark, product types / product families>

Fill in the name of the product or product family. Keys as wildcards are allowed, but valid values have to be indicated. Always specify the type of IO-Link product (IO-Link Master or IO-Link Device).

Example:

> Product: ABC'n'-XYZ-'m'-IOL   IO-Link Device
>
> Key: 'n': 200, 300, 400 (e.g. range)
>
> 'm': C1, C2, C3, CB (e.g. connector type)

In case the provided space for listing of products is insufficient, please list products on the last page of the manufacturer declaration in the annex section. Add note: 'See details in Annex – Conform products'.

Page 1: specifications, additional conformance to Device Profiles, conformance exceptions

The implemented specifications and features, to which the products are declared conform to, are always checked. Please verify the correct references of these specifications.

For a master, 'IO Device Description' and 'Additional conformance to Device Profiles' are not checked.

If a product supports IO-Link profiles, check 'Additional conformance' and specify details in Part A.

If deviations to the checked specifications exist, select 'Conformance exceptions' and declare details in Part B.

Page 1: conformity tests and test report(s)

A reference to the corresponding test report(s) to this manufacturer declaration is mandatory.

Page 1: authorized signatory

If only one signature is required due to company specific regulations, the entries for the second signature on the right hand side can be removed.

Page 2: Part A - Additional conformance to Device Profiles

If the product has implemented IO-Link profiles, the conformance to the corresponding specifications has to be declared. The full name, version and release of the specification is required.

Page 2: Part B - Conformance exceptions

The declaration of any deviation to the referenced IO-Link specifications is mandatory. Exceptions can only be granted, if one of the following two scenarios apply. If there are no deviations, please state 'No deviations'

Scenario 1 (self-declared exception): Self-declaration of an exception is mandatory, but only applicable for features, which are explicitly marked as 'highly recommended' in any of the marked specifications.

Add name of the 'highly recommended' feature and reference to specification. Describe in brief sentences the reason, why the feature has not been implemented and according counter measures.

Example 1: The device does not support the Data Storage feature (IO-Link Interface and System Specification)

> Reason: The amount of memory space for Data Storage content exceeds the guaranteed memory size provided by masters. For device exchange without tool, a memory card interface is provided.

Example 2: The device does not support the command Application Reset (IO-Link Interface and System Specification)

> Reason: The device does not provide any writable and persistent variables.

Scenario 2 (exception on approval): An exception for a deviation to any of the referenced specifications has been requested at the IO-Link Quality Center and approved according to the Product Quality Policy.

Add comprehensive name of the deviation. Note date and id of decision including counter measures for the exception.

Example 3: The master supports only 2000 Byte storage space per port for data storage instead of 2 kbyte.

> Reason: Exception granted 2021-07-15 (ID: Ex_099). The feature will be available with full functionality with the next firmware release.

Page 2: Annex - Conform products

Use this section only if the provided space for listing of conform products on page 1 is insufficient. Remove this section, if not used.

Upload to the IODDfinder database

The zip-archive containing the IODD shall contain the manufacturer declaration in PDF format with the following filename schema:

<vendor name>-<device name>-<release date>-MD<revision>-<number>.pdf

      vendor / device name : Identical names as for main IODD

      release date : The release date of the MD, not the IODD

      revision : The revision of the MD form, as released and defined by the IO-Link Community

            For this form of the manufacturer declaration the revision is **1.1.3**

      number : The number element is optional and may contain e.g. a vendor-specific document number

            The number may contain any arbitrary characters [a-zA-Z0-9_] with a maximum of 32 characters

Example:

    IODD: *IO-LinkCommunity-Example1-20211211-IODD1.1.xml*

    Manufacturer declaration: *IO-LinkCommunity-Example1-20220121-MD1.1.3.pdf   or*

                                   IO-LinkCommunity-Example1-20220121-MD1.1.3-Doc1234.pdf