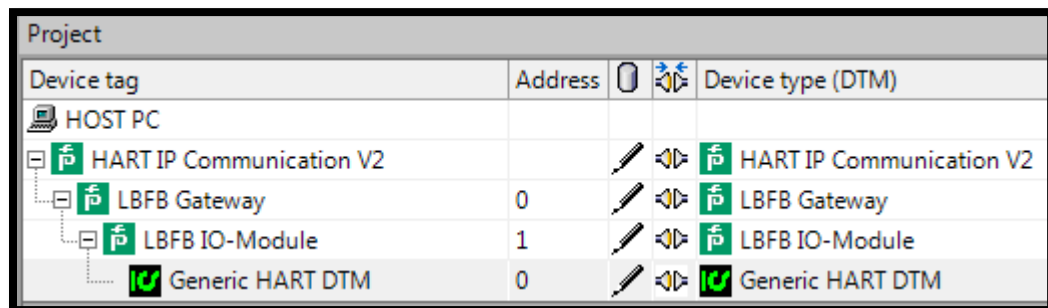# SOFTWARE RELEASE NOTES

LBFB HART IP

DTM Setup Collection

PEPPERL+FUCHS

The outer installation package contains a HART IP Communication DTM and a LBFB Device DTM. The Communication DTM establishes a connection via HART IP, while the Device DTM provides the Software components for LBFB Gateway and LBFB IO Module. HART devices can then be connected to the individual channels of the LBFB IO module, which can be addressed via their field device DTMs.

The following figure shows a typical project structure in PACTware as soon as the DTMs are installed and activated.

Software Details

Software Name: HART-IP Communication V2

Release Version: 1.0.1.23

Release Date: 2019-07-19

Changes

Changes in version 1.0.1.23

• Changed setup name and icon in windows program list.

• Improved performance for Topology Scan:

• The default short address is changed from 1 to 0.

• The default timeout is reduced to 1000ms.

Changes in version 1.0.1.19

• Fixed Issue #84716. Set DTM Address Dialog loses some content if open during Add-Device.

• Fixed Issue #84553. Through an open connection the DTM address dialog does not allow modifications.

• Fixed Issue #84551. The default Tag is constructed by appending the last number of the IP-Address.

• Fixed Issue #83884. Adapt HART IP Communication DTM v2 Versioning.

Initial version 1.0.1.15

• Initial Beta Delivery

Bug Fixes

See version history

PEPPERL+FUCHS

Software Details

Software Name: LBFB DTM Library (HART)

Release Version: 1.0.1.39

Release Date: 2019-08-02

Changes

First Release

Additional Notes

With LBFB Gateway and LBFB IO Module, only those functions are implemented that are necessary for the operation of the HART field devices, i.e. no additional settings of the I/O modules.

System requirements and Compatibility Notes
for HART-IP Communication V2 and LBFB DTM Library (HART)

Compatibility Notes

- The Pepperl+Fuchs LBFB DTM Library (HART) supports the following FDT Frames:
- PACTware 4.1/5.0

System resources

Proper execution of the DTMs requires a standard PC with at least following system resources:

• 1 gigahertz (GHz) or faster 32-bit (x86) or 64-bit (x64) processor with at least 2 cores

• 1 gigabyte (GB) RAM (32-bit) or 2 GB RAM (64-bit)

• Screen Resolution at least 1024x768 pixels

Operating systems

The DTMs of the DTMlibrary will run under the following operating systems:

• Windows 7

• Windows 10

Hard disk space

The Pepperl+Fuchs HART-IP Communication V2 requires approx. 100 MB hard disk space.

PEPPERL+FUCHS

YOUR APPLICATION. OUR CHALLENGE.

PROCESS INTERFACES

- Intrinsically safe barriers
- Signal conditioners
- Fieldbus infrastructure
- Remote I/O systems
- HART interface solutions
- Level measurement
- Purge and pressurization systems
- Industrial monitors and HMI solutions
- Explosion protection equipment
- Wireless solutions
- Solutions for process interfaces

INDUSTRIAL SENSORS

- Proximity sensors
- Photoelectric sensors
- Industrial vision
- Ultrasonic sensors
- Rotary encoders
- Positioning systems
- Inclination and acceleration sensors
- AS-Interface
- Identification systems
- Logic control units

www.pepperl-fuchs.com

PEPPERL+FUCHS

TDOCT-2918AENG