



SOFTWARE RELEASE NOTES

LB/FB PROFINET

LB8122A.1.EL



Software Details

Software Name: LB/FB PROFINET Gateway LB8122A.1.EL
Release Version: V1.0.10.0.
Release Date: November 07th 2019

Highlights

Connects LB System to PROFINET Controllers.

Changes

First Release

Bug Fixes

First Release

Compatibility Notes

The LB8122A.1.EL has been qualified with

- SIMATIC PCS7 V9.0 + SP1
- SIMATIC TIA Portal V15.1

The LB8122A.1.EL is compatible with following GSDML:

- GSDML-V2.33-PF-RIO-LBFB-20190718 or greater

Additional Notes

- Recommended MRP timeout setting is $8 \times 32 \text{ ms} = 256 \text{ ms}$ (should be 200 ms according to Profinet specification).
- IO modules LB5x01, LB5x02, LB5x06: The Siemens TIA Portal shows a light blue rectangular and a black exclamation mark beneath the subslot of the corresponding IO module in the device overview. This is considered a bug of the TIA Portal that affects only presentation in the device overview and will not cause the signaling of an error.
- Peer MAC address is shown correctly in Proneta 2.4 and 2.7 but not in Proneta 2.5 and 2.6. This problem is considered a bug in Proneta.
- No range alarms for outputs are implemented.
- Restart device after setting Temporary IP address (factory reset): device starts with the last saved IP address and not with 0.0.0.0 address or with DHCP on.
- Not implemented yet: HARToverProfinet, shared IO, CiR, S2 redundancy.

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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



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