



# SOFTWARE RELEASE NOTES

## **LB/FB PROFINET**

## **GSDML**



## Software Details

Software Name: LB/FB PROFINET Gateway GSDML

Release Version: V2.33 - 20191029

Release Date: October 29th 2019

## Highlights

The package contains GSDML for LB/FB PROFINET Gateway LB8122A.1.EL.

## Changes

First release.

## Bug Fixes

None

## Compatibility Notes

The GSDML is compatible with following FW versions of the LB/FB PROFINTE Gateway

- V1.0.5.0 or greater

The GSDML is qualified to run in following STEP7 / PCS7 / TIA Portal versions

- SIMATIC PCS7 V9.0 + SP1
- TIA V 15

## Additional Notes

None



## Software Details

Software Name: LB/FB PROFINET Gateway GSD

Release Version: 20200109

Release Date: January 9th 2020

## Highlights

The package contains GSD (V2.2 and V2.33) for LB/FB PROFINET Gateway LB8122A.1.EL.

## Changes

Added GSD using Schema version 2.2 for ABB Control Builder.

## Bug Fixes

None

## Compatibility Notes

The GSD are compatible with following FW versions of the LB/FB PROFINET Gateway

- V1.0.5.0 or greater

The GSD V2.2 is qualified to run in following ABB environments versions

- ABB Control Builder 5.1.0-0

The GSD V2.33 is qualified to run in following STEP7 / PCS7 / TIA Portal versions

- SIMATIC PCS7 V9.0 + SP1
- TIA V 15

## Additional Notes

The GSD using the older Schema version 2.2.can be used for control systems that cannot use Schema version 2.33.



## Software Details

Software Name: LB/FB PROFINET Gateway GSD

Release Version: 20200825

Release Date: August 31st 2020

## Highlights

The package contains GSD (V2.2 and V2.33) for LB/FB PROFINET Gateway LB8122A.1.EL and FB8222B.1.EL

## Changes

Added GSD for FB8222B.1.EL.

## Bug Fixes

None

## Compatibility Notes

The GSD are compatible with following FW versions of the LB/FB PROFINET Gateway

- V1.0.5.0 or greater

The GSD V2.2 is qualified to run in following ABB environments versions

- ABB Control Builder 5.1.0-0

The GSD V2.33 is qualified to run in following STEP7 / PCS7 / TIA Portal versions

- SIMATIC PCS7 V9.0 + SP1
- TIA V 15

## Additional Notes

The GSD using the older Schema version 2.2.can be used for control systems that cannot use Schema version 2.33.



## Software Details

Software Name: LB/FB PROFINET Gateway GSD

Release Version: 20220512

Release Date: May 12th 2022

## Highlights

The package contains GSD (V2.2 and V2.33) for LB/FB PROFINET Gateway LB8122A.1.EL and FB8222B.1.EL

## Changes

Added feature S2 redundancy

## Bug Fixes

None

## Compatibility Notes

The GSD are compatible with following FW versions of the LB/FB PROFINET Gateway

- V1.0.5.0 or greater

The GSD V2.2 is qualified to run in following ABB environments versions

- ABB Control Builder 5.1.0-0

The GSD V2.33 is qualified to run in following STEP7 / PCS7 / TIA Portal versions

- SIMATIC PCS7 V9.0 + SP1
- SIMATIC PCS7 V9.1
- TIA V 15

## Additional Notes

To use S2 redundancy, LB/FB8x22x.1.EL must have FW version 1.3.3.0 or greater

The GSD using the older Scheme version 2.2.can be used for control systems that cannot use Scheme version 2.33.



## Software Details

Software Name: LB/FB PROFINET Gateway GSD  
Release Version: 20230918  
Release Date: September 18th 2023

## Highlights

The package contains GSD (V2.2 and V2.33) for LB/FB PROFINET Gateway LB8122A.1.EL and FB8222B.1.EL

## Changes

Added feature "Dynamic Reconfiguration" and "Shared Device"

Several signals were only referred to as "value", which could lead to confusion. They have been renamed to clarify their function to: "Digital Input", "Digital Output", "Digital Input and Status", "Analog Input", "Analog Output", "Frequency Input", "Counter Input", "Temperature Input"

The Modules have been sorted alphanumerically.

## Bug Fixes

None

## Compatibility Notes

The GSD are compatible with following FW versions of the LB/FB PROFINET Gateway

- V1.0.5.0 or greater
- The GSD V2.2 is qualified to run in following ABB environments versions
- ABB Control Builder 5.1.0-0

The GSD V2.33 is qualified to run in following STEP7 / PCS7 / TIA Portal versions

- SIMATIC PCS7 V9.0 + SP1
- SIMATIC PCS7 V9.1
- TIA V 15

## Additional Notes

To use "Dynamic Reconfiguration" and "Shared Device", LB/FB8x22x.1.EL must have FW version 1.3.8 or greater

The GSD using the older Scheme version 2.2.can be used for control systems that cannot use Scheme version 2.33.

# 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



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