

README: Opto 22 Library Package for CODESYS Development System 2.0.0.1

July 15, 2020.

This Readme provides information about fixes and enhancements to this library package.

Some fixes or enhancements may require that you install a corresponding firmware update, either to *groov* I/O modules, the *groov* EPIC processor, or *groov* RIO units. If a fix or enhancement falls into this situation, the description of the specific fix or enhancement will include information about the required firmware update.

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For instructions on installing this library package, see either of the following:

- For *groov* EPIC devices see one of the following sections in the [groov EPIC User's Guide, form 2267](#):
 - If you are installing the library package for the first time, see "Adding the OPTO 22 Library Package to CODESYS Development System".
 - If you are updating the library package, see "Updating *groov* EPIC and *groov* I/O Module Information".
- For *groov* RIO devices, see "Configuring I/O Through CODESYS Development System" in the [groov RIO User's Guide, form 2324](#).

For instructions on installing firmware on any of the following products, see the corresponding form:

- GRV-EPIC-PR1: See "Updating Firmware on a *groov* EPIC Unit" in the [groov EPIC User's Guide, form 2267](#).
- *groov* I/O modules: See "Installing an I/O Module Firmware Update" in the [groov EPIC User's Guide, form 2267](#).
- *groov* RIO units: See "Updating Firmware on a *groov* RIO Unit" in the [groov RIO User's Guide, form 2324](#).

Questions

If you have questions, see [How to Get Help](#).

Each Bug Fix is identified by its bug tracking number. If a number listed here has KB as the prefix, click the link to see a KnowledgeBase article with more information.

Library Package for CODESYS Development System 2.0.0.1

July 15, 2020

If you are updating this package from version 2.0.0.0: Whenever you update the Opto 22 Library Package, you need to update the GRV-EPIC-PR1 device in your CODESYS application (see "Updating *groov* EPIC and *groov* I/O Module Information" in the [groov EPIC User's Guide, form 2267](#)). Typically, the device version number changes when you update your device. However, be aware that the device version number will stay the **same** between version 2.0.0.0 and 2.0.0.1 of the library package; that number is 3.5.15.10.

Bug Fix

[KB89094](#) - Can't Add Supported Versions of BACNet Server to CODESYS Application

Previous Releases

Library Package for CODESYS Development System 2.0.0.0

June 10, 2020.

Applies to:

- *groov* EPIC processor (firmware 2.0.0)
- *groov* RIO modules (firmware 2.0.0)

Enhancement

This release adds support for GRV-R7-MM1001-10, the first product in the *groov* RIO family.

Important Change to GRV-EPIC-PR1 and groov I/O Module Device Information

This release includes changes to the device information for GRV-EPIC-PR1 and *groov* I/O modules. If you install this version of the Opto 22 Library Package, all *groov* EPIC processors and I/O modules in existing CODESYS projects must be updated to 2.0.0.0. For details, see [KB88719](#).

Library Package for CODESYS Development System 1.0.3.0

January 10, 2020.

Enhancement

This release adds support for future *groov* products.

Library Package for CODESYS Development System 1.0.2.0

October 15, 2019. Updated: December 9, 2019.

Requires: *groov* EPIC processor with firmware 1.4.2 or newer

Enhancement

This release adds support for the following *groov* I/O modules:

- GRV-IVI-12
- GRV-IRTD-8
- GRV-IDCSW-12
- GRV-ITM-12

Library Package for CODESYS Development System 1.0.1.0

July 2, 2019

Bug Fix

[KB88302](#) - CODESYS: Can't configure Steinhart-Hart Coefficients for "Thermistor: Custom Curve" channel type

Library Package for CODESYS Development System 1.0.0.1

May 21, 2019. Updated: July 15, 2019.

Requires: *groov* EPIC processor with firmware 1.3.2 or newer

Enhancement

This release adds support for BACnet SL, version 1.2.1.0.

Library Package for CODESYS Development System 1.0.0.0

February 13, 2019. Updated: July 2, 2019

Requires: *groov* EPIC processor with firmware 1.3.0 or newer

Initial Release

How to Get Help

If you have any questions about *groov* EPIC, you can call, or e-mail Opto 22 Product Support. Hours are Monday through Friday, 7 a.m. to 5 p.m. Pacific Time.

Phone: 800-TEK-OPTO (800-835-6786) or 951-695-3080

Fax: 951-695-3017

Email: support@opto22.com

Opto 22 website: www.opto22.com

When calling for technical support, be prepared to provide the following information about your system to the Product Support engineer:

- Version information:
 - for the *groov* EPIC processor (by logging on to *groov* Manage, then from the Home page, click Info and Help > About)
 - for the Opto 22 Library Package for CODESYS Development System
- A description of your system equipment, including computer CPU type, speed, memory, and operating system
- Specific error messages or other diagnostic indications