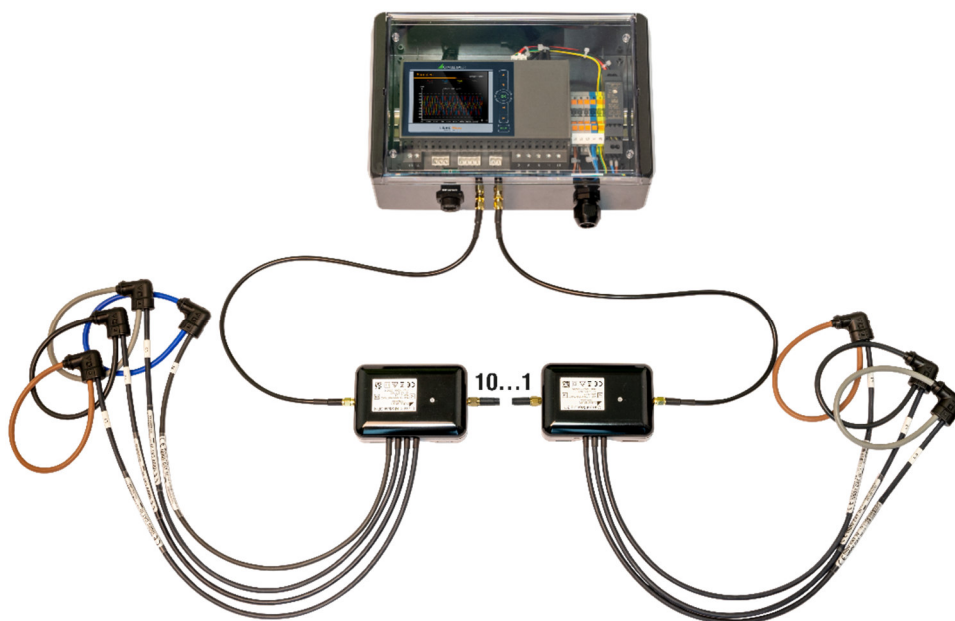


Firmware history

Release Notes

LINAX PQ5000CL



Update of PQ5000CL

The update package of the PQ5000CL contains two firmware images, one for the base unit and the other one for the CL option, which enables communication with the current modules via the Current Link.

The firmware update should be performed in the following way:

1. Possible upgrade of the updater if not working with the EasyUpdater
2. Update of the firmware of the base unit
3. Update of the firmware of the CL option

GMC INSTRUMENTS

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Version	Change log
V3.20 – 11613 (2025/09/04)	Security upgrades - Improvements for RED directive (EN 18031-1) compliance ... - https and RBAC activated by default - Enforced password change on first device startup - SSH access disabled Fixes - For devices with option PME: x-axis of mean values displayed with UNIX timestamp - PQ EasyReport: Incorrect evaluation of harmonics if self-defined limit values are used - Setting time via local display
V3.19 – 11273 (2025/05/14)	New features - Certificate store for the management of security certificates Security upgrades - OpenSSH update (CVE-2025-26466, CVE-2025-26465) - nginx update (CVE-2024-7347-1, CVE-2024-7347-2) Fixes - CSV generator - missing headers - no intervals shorter than one day possible - possible stop of periodic CSV generation - Inconsistent time in PQDIF download dialog if time zone of device and PC are different - Creation of user-defined limit values may fail
V3.18 – 11142 (2024/12/20)	<i>Firmware of the base unit changed, but no impact on the available functionality of the PQ5000CL</i>
V3.17 – 11036 (2024/12/02)	Fixes Web connection stability improved
V3.17 – 11027 (2024/11/11)	New features - PQ and mean values can now be exported as CSV. Fixes - Heavily improved Current Link stability - Current Link reference channel could not be set - https did not properly activate on initial configuration

Version	Change log
V3.16 – 10900 (2024/07/23)	New features - Pulse outputs can be set to any pulse rate. Security upgrades - Nginx from 1.21.1 to 1.25.3 - OpenSSH from 8.7p1 to 8.9p1 - Host Key Algorithms SSH-RSA and SSH-DSS no longer supported by default, but may be activated if required for SFTP communication Fixes - The list of CSV files created via data export scheduler could no longer be displayed via device website when too many files were stored in the device. The storage of the files and the export capability to SFTP servers were not affected. - No Audit Log entry for selective reset of meters, meter loggers and mean-values logger - Bad resolution of current mean-values in Web-GUI - Large number of frequency events if used outside the rated frequency range - Increased stability of communication with Current Link modules - PQ overview: No graphical display for current harmonics and interharmonics - SFTP configuration menu was present even for device versions without data logger - In PQ statistic frequency was shown with one decimal place - CSV data export for 7 days: File was stored in the folder of the first day of the interval rather than the day of the end of the interval, in addition the time range of the file was not visible within the file name and could overwrite daily files with the same content.
V3.08 – 9588 (2023/05/24)	Fixes Possible problems when current modules are not connected
V3.08 – 9588 (2023/05/16)	New features - Flicker measurement Pst and Plt - Configurable mains signalling voltage - Access to energy meters via Modbus Fixes - Regular update of serial-no. timestamp in IEC61850 - IEC61000-2-4 class 3: Wrong limit value for 15th voltage harmonic - PQDIF files contained unmeasured data - Power factor calculation
V3.04 – 9487 (2023/02/23)	New features - Support for device version in field housing without display - Support for GPS time synchronization
V3.04 – 8854 (2022/09/22)	Official product release of LINAX PQ5000CL standard version
V3.01 – 7444 (2021/09/29)	Official product release of LINAX PQ5000CL NLB version