Bulletin BTN/Process Analytics/032-EN

PGC5000 Series Version 4.2.1 Release now available

August 29, 2016

Measurement made easy

PGC5000 Series Version 4.2.1 Release is now available

The PGC5000 with Version 4.2.1 and later software releases will support the following features:

- Built-in Support for Normalization
- Modbus simulation and on-line range changes
- Simulated Distillation

Built-in support for normalization

Normalization is the adjustment of measured component peak areas such that the total volume of measured components is mathematically equal to 100%. It is a technique used for quantitatively assessing a chromatogram to provide a quantitative analysis of the mixture being measured. The quantitative results are obtained by expressing the area of a given peak as a percentage of the sum of the areas of all the peaks. Normalization applies to analyses where the quantitative response of the detector is the same for all the eluted components.

Modbus simulation and on-line range changes

The new Modbus feature located in the SUBSCRIBER tab allows the user to test the Modbus mapping on the PGC5000 as well as change ranges in the Modbus map. Users can check/test the Instrument level Modbus tags during system setup, and gives the user the ability to modify the ranges of the Modbus tags without rebooting the analyzer.

Simulated Distillation

Simulated distillation is a gas chromatographic method used to simulate the results of a distillation tower by separating multicomponent blends into component fractions by boiling points or molecular weights. The Process Gas Chromatograph, Fast Simulated Distillation PGC5009, analyzes samples with wide variations in components boiling points or molecular weights, much faster than standard process gas chromatographs. It automatically samples and analyzes process streams, using the analyzer's Master Controller to control analytical functions. The PGC5009 will support the D86, D2887, and D3710 ASTM methods.

Version maintenance announcement

With this release of software, ABB Analytics is placing Version 1.x, Version 2.x, Version 3.x, and Version 4.2.0 versions of the PGC5000 into a limited maintenance lifecycle. Customers with these older versions must upgrade to Version 4.2.1 for support.

If you have additional information, please contact:

Pat McMillion
Data Systems Admins. Manager
pat.mcmillion@us.abb.com

Power and productivity for a better world™

Contact us

ABB Inc.
Process Automation
Analytical Measurements
843 N. Jefferson Street
Lewisburg, WV 24901
USA
Tel.: 1 304 647 4358
Fax: 1 304 645 4236

www.abb.com/measurement
www.abb.com/contacts

Sales

Service

BTN/Process Analytics/032–EN 08.2016

Power and productivity
for a better world™