Upgrade Solutions
Designed to support legacy fields

ABB brings focus to our customers' needs by presenting turnkey upgrade solutions. Customers faced with obsolete equipment can now move forward with a cost efficient solution working within the limits of very low OPEX.

ABB

An upgraded path to new digital technologies

Getting the best return from brownfield sites remains one of the greatest and most complex challenges in the industry. ABB recognized this need and has designed a path forward to help upgrade and optimize your assets.

About the upgrade

The XRC^{G5} board is the fifth generation of Totalflow RTUs, complete with automation, control, alarming and data logging capabilities with our pre-configured, easy-to-use gas and liquid applications and I/O interface. With low power, accuracy, and system integrity built-in, these devices are proven daily on thousands of sites and can be paired with our 266 multivariable and pressure transmitters to optimize your operations.

XRC^{G5} features

The capability of this solution allows the user to run multiple AGA-3 measurement tubes, performing full calculations once a second. Multiple artificial lift applications may be running on one XRC^{G5}. In its base configuration, this unit is equipped with standard I/O designed to meet the requirements of many low-cost automation and measurement projects.

AGA3, AGA7 and API Liquid measurement applications have the option to enable an "Enhanced" mode. This feature is designed to meet the BLM requirements as well as the option for the gas analysis to be logged in the standard Quantity Transaction Records.

- Automation, control, alarming and data logging
- Base I/O targeted at low-cost, automation projects
- Flexible communications
- New PI operational range
- New WiFi and Bluetooth for local wireless connectivity
- Onboard Ethernet (10/100 Base-T Full duplex)
- Backward compatibility
- Extendable hardware and software

XRC^{G5} base I/O includes:
- 5 analog inputs (0 to 10 V DC or 4-20mA)
- 4 digital outputs
- 4 digital inputs/pulse inputs

Key Benefits
- More resilient to transients and lightening
- Flexible measurement capabilities
- Replacement/ repair parts availability
- Technical support availability
- Self-optimization built in for automatic plunger control
- Control capabilities
- Custom programing capabilities
- Measurement applications for liquid and gas
- Meets BLM requirements

ABB can customize your existing enclosure and provide a turnkey low cost back panel solution to meet your needs.

XRC^{G5} Large Panel Kit Solution (no enclosure)

- (1) XRC^{G5} w/ processor PCBA kit
- (1) Bezel kit for LCD display
- (1) LCD display with ribbon cable
- (1) RS232 Comm Module (Comm 1)
- (1) RS485 Comm Module (Comm 2)
- (1) PWR supply cable assembly
- (8) Fuse holder/term block, 2LVL
- (2) Fuse holder/term block, 1LVL
- (1) I/O Module MNTG DIN Rail
- (1) Back panel – powder coated
- (4) End stops
- (1) Busbar (18 pos)
- (1) MMI with cap (packaged loose)

Back panel will be fully assembled with XRC kit as pictured. (expandable options available)

XRC^{G5} Small Panel Kit Solution (no enclosure)

- (1) XRC^{G5} w/ processor PCBA kit
- (1) DIN rail panel kit for XRC and LCD display
- (1) LCD display with ribbon cable
- (1) RS232 Comm Module (Comm 1)
- (1) RS485 Comm Module (Comm 2)
- (1) I/O module MNTG DIN Rail

Field Service Support

Our service technicians are here to provide you with field support and on-site training when you need it. In addition to our outstanding field support, we offer a variety of other options to assist you in getting the absolute most out of your equipment.

With each panel purchased you can utilize our experienced service technicians to help install and commission your new back panel solution for a low cost.

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