



G75C Retrofit Gas Module

Unlock the power of intelligent connectivity without replacing your current metering infrastructure

The G75C delivers fast, cost-effective transition to two-way communication, enabling gas utilities to modernize metering systems with minimal disruption.

Battery-powered and IECEx-certified, it installs easily on diaphragm and commercial gas meters—no major upgrades required. With NB-IoT connectivity, it securely logs and transmits data to your management platform,

Features

- Clip on adapter for 750/ 1010 gas meters.
- Integrated monitoring sensors to support smart events and alarms
- Pulse input adapter for commercial meters pulse output
- Tamper Detection
- Over the Air programmability and firmware upgrade
- NB-IoT Communications Technology
- LwM2M open protocol
- Mobile app with Bluetooth (BLE) for commissioning process
- IECEx zone 0 intrinsic safety certification
- RCM and Telco certified

enabling **real-time insights**. G75C offers flexible configurations that allow utilities tailor data and communication patterns to their needs.

G75C is your fastest route to two-way communication – without the complexity.

Use-case Benefits

Alarm

- Identify undersized meters via high-flow alerts
- Detect tampering (pulse count, module removal)
- Plan module replacement with low-battery alerts

Customer Service

- Enable accurate billing for property without access

System Operations

- Reduce truck rolls and shutoffs → lower carbon footprint
- Detect and reduce theft and leaks

Financial Management

- Accurate monthly settlement based on actual delivery
- Automated reads, quicker billing cycles for improved cash flow

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Product Specifications

Parameter	Characteristics
Clip on solution	G75C (module) IC L013 (adapter)
Pulse input solution	G75C-P (module) IC U015 (adapter)
Modem	BC-660K NB-IoT Module
Antenna	Wire antenna (700MHz)
SIM	MFF2 Embedded SIM
Dismount Detection	Accelerometer
Pulse Counting Technology	Hall Sensor
Environmental Monitoring	Temperature Sensor
Housing Construction	PA6 plastic
Hydrogen Compatibility	Intrinsic Safety Compliant to 100% hydrogen
Battery Type	Panasonic CR Lithium Type 3.0V (non-replaceable)
Operation Temperature	-25°C to +60°C
Water Resistance	IP67
Humidity	95% non-condensing
RF Emissions	RCM
UV	Compliant with AS4647:2011 Appendix B
Battery Life	15-year design life at recommended configuration
Weight & Dimensions	382g H112 x D91 x W43
Intrinsically Safe	Highest rating of IECEx zone 0 (Ex ia IIC T3 Ga)

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