



GL Utilities Water&Gas MITR

USER INSTALLATION MANUAL • EN

For meters of the following brands and models:

ITRON, ACCELL, ACTARIS and HIDROMETER/Mechanical
Pre-equipped inductive

The Future is AIoT

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**GROUP
LINK
ONE**

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ABOUT

GL Utilities Water&Gas MITR

Turn your standard meter into a smart meter! We integrate the pulse converter and telemetry into a single, customized Plug&Play device.

The GL Utilities Water&Gas MITR is a Bluetooth Low Energy (BLE) device that enables the use of Group Link One patented technology. It uses a transmission frequency of 2.4 GHz, compatible with the vast majority of existing smartphones.

**For ITRON, ACCELL, ACTARIS, and
HIDROMETER Pre-equipped
mechanical meter models**

**Reading Range of
up to 500
meters***

DOCUMENT VERSION

Version 1.30 • Date: July 21, 2026

This equipment is not entitled to protection against harmful interference and may not cause interference to duly authorized systems.

*Measurements performed in an open-field environment with a clear line of sight to the equipment.



**GROUP
LINK
ONE**

Specifications

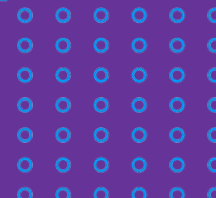
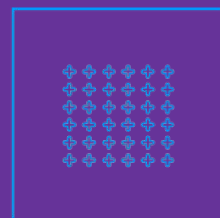


Product	GL Utilities Water&Gas MITR
MODEL	GL-MIV204
Bluetooth® Technology	Bluetooth® LE 5.1 (1Mbps)
Bluetooth® Operating Frequency	2.4GHz
Bluetooth® Transmission Power	+19.5dBm
Power Supply	3.6Vdc (battery)
Operating Temperature	-25 °C à 75 °C
Dimensions (H/W/D)	32mm x 49mm x 83mm
Weight	101g
Battery Life	8 years (minimum)
IP Protection Rating	IP68
Compatibility of water meters and gas meters	ITRON, ACCELL, ACTARIS, AND HIDROMETER / Inductive pre-equipped mechanical meter

Main Features

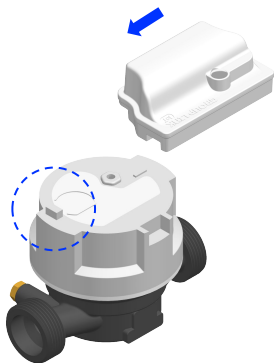
- Bluetooth® Low Energy device;
- Compatible with Group Link One technology;
- Reading range of up to 500 meters in open-field environments;
- IP68 protection rating.

Installing the **GL Utilities Water&Gas MITR**



Installing the Device on the Water Meter

1



Begin the installation by positioning the device horizontally, aligning the latch with the slot located on the upper part of the meter, as shown.

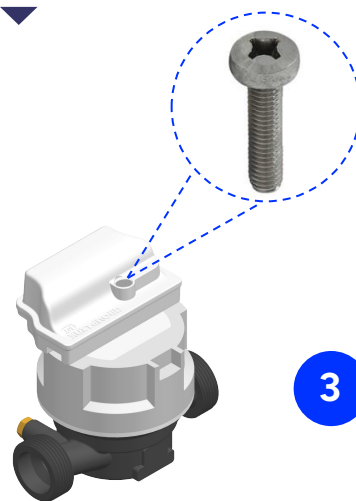
2



Fit the GL Utilities Water&Gas MITR device onto the water meter. Ensure that the hole on the top of the device is aligned with the meter.

With the device properly secured, insert and tighten the M4×20 screw until firmly fastened.

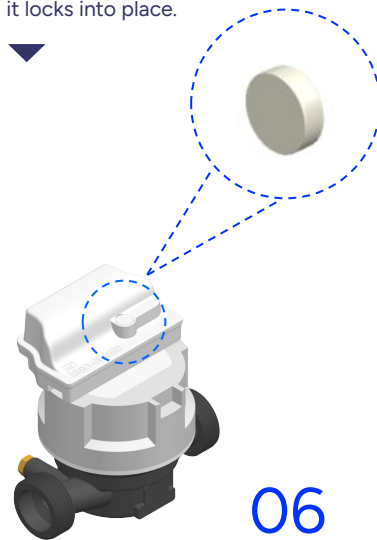
WARNING: The screw varies depending on the solution. Make sure you are using the correct screw for the WATER application.



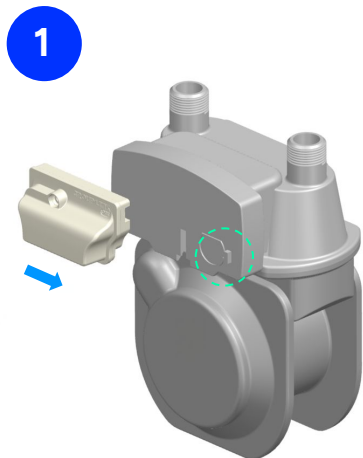
3

4

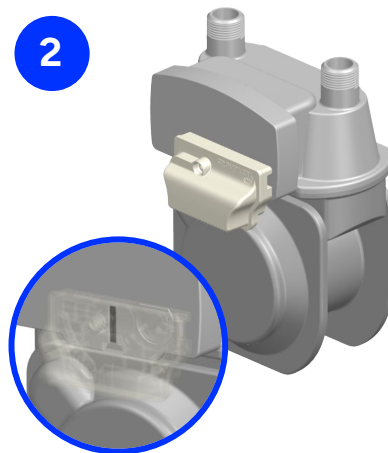
Complete the installation by inserting the circular cap into the screw opening until it locks into place.



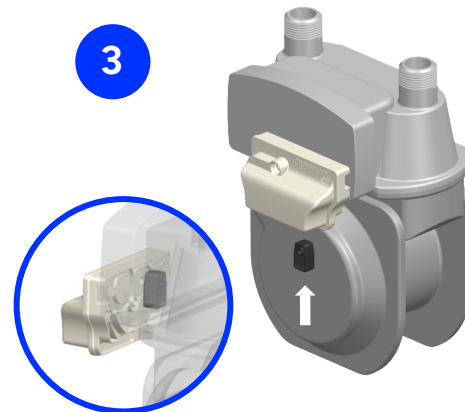
Installing the Device on the Gas Meter



Begin the installation with the device in a horizontal position, aligning it with the gas meter latch, as shown.



Fit the GL Utilities Water&Gas MITR device onto the front of the gas meter until the holes on both components are aligned.



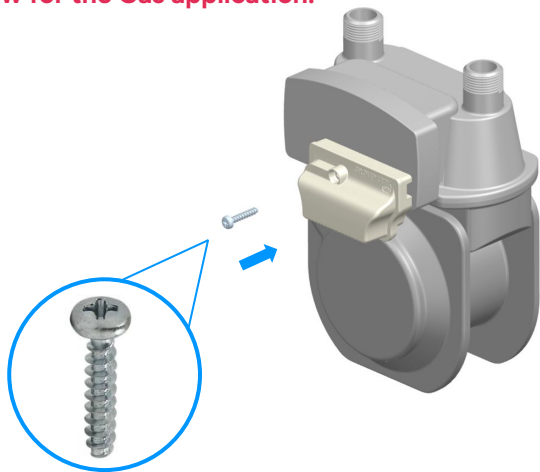
Position the nut with the hole facing upward and fit it into the lower part of the device, ensuring it is properly aligned with both the device and the gas meter.

Installing the Device on the Gas Meter

4

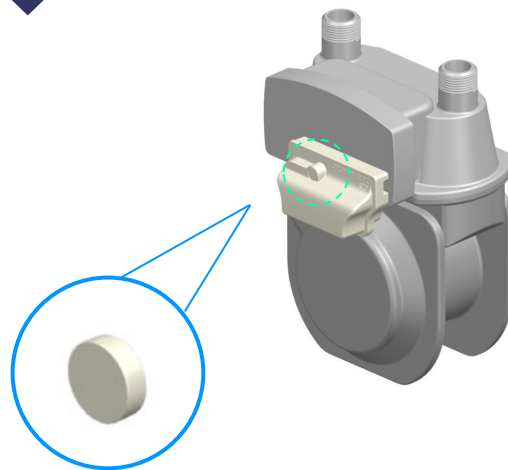
With the device properly secured, insert and tighten the 4.5 × 25 screw until firmly fastened.

WARNING: The screw varies depending on the solution. Make sure you are using the correct screw for the Gas application.

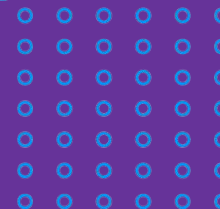
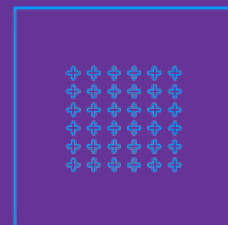


5

Complete the installation by inserting the circular cap into the screw opening until it locks into place.



Activating the device using GL Activation App





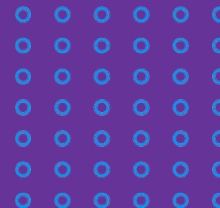
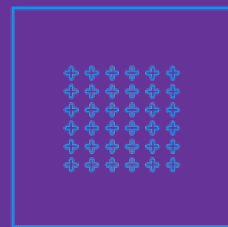
Click the button below to access the device activation manual.

GL Activation App User Manual

Open your device's app store (Google Play or the App Store), search for "GL Activation," or download it directly using the buttons below.



Monitoring the GL Utilities Water&Gas MITR



Device Alarms • Water Meters



Magnetic Attack

Triggered when a magnetic field is detected near the device.



Leakage

Triggered when, over a 24-hour period, there are at least two 1-hour intervals with no pulse detection.



Removal

Alarm activated upon any movement of the device relative to its mounting point.



Reverse Flow

Alarm triggered when reverse flow is detected for at least 30 seconds.

*** 1 liter/pulse**



Maximum Flow

Triggered when the maximum flow rate* is greater than or equal to 10 m³/h for at least 30 seconds. The maximum flow calculation considers a pulse factor of 1 liter per pulse.

***10,000 liters/hour (10 m³/hour)**

WARNING

Alarms are automatically disabled 24 hours after activation if the initial condition is no longer present.

Device Alarms • Gas Meters



Magnetic Attack

Triggered when a magnetic field is detected near the device.



Leakage

Triggered when, over a 24-hour period, there are at least two 1-hour intervals with no pulse detection.



Removal

Alarm activated upon any movement of the device relative to its mounting point.



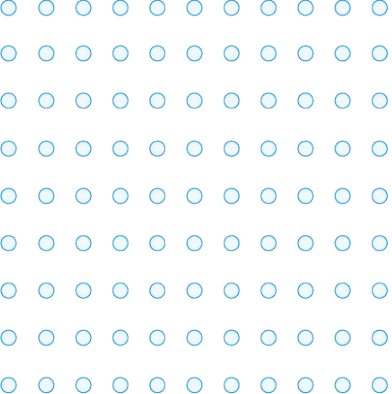
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***10,000 liters/hour (10 m³/hour)**

WARNING

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1510 Gomes de Carvalho St., 12th Floor,
Vila Olimpia
Sao Paulo • Brazil

+55 11 5505 4750
suporte@grouplinkone.com
www.grouplinkone.com

