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GROUP LINK ONE

Transcend IoT

GLUtilities | WATER MECHANICAL DI

USER GUIDE • EN

For DIEHL
Mechanical Pre-Equipped Models

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About

GL Utilities | WATER MECHANICAL DI

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

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

FOR DIEHL
Mechanical Pre-Equipped Models

Reach
Up to 500 meters*



Document version

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Disclaimer: this equipment is not entitled to protection against harmful interference and may not cause interference in duly authorized systems

*Measurements taken in open field conditions, with direct line of sight to the equipment.

Specifications

Product	GL Utilities Water Mechanical DI
Model	**GL-MDV208**
Bluetooth Technology	**Bluetooth LE 5.1**
Bluetooth Operating Frequency	**2.4GHz**
Bluetooth Transmission Power	**+19.5dBm**
Power Source	**3.6Vdc**
Temperature rating	**-25 °C to 75 °C**
Dimensions (H/W/D)	**29mm x 78mm x 83mm**
Weight	**100g**
Ingress protection	**IP68**
Lifetime	**8 years (minimum)**
Compatible models	**DIEHL / Mechanical Pre-Equipped Models**

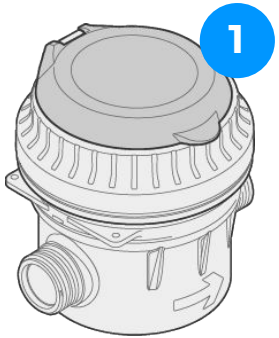
Features

· Bluetooth device · Low battery consumption (Bluetooth Low Energy)

· Group Link Technology compatible · Transmitting distance of up to 550 yards in open fields

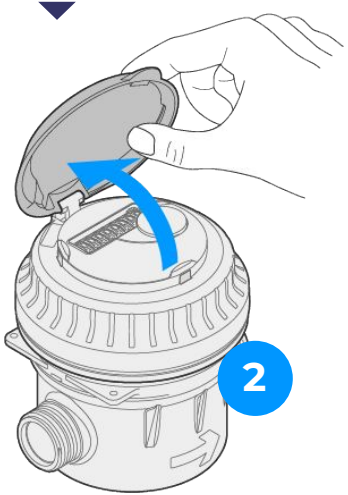
Setting up your meter

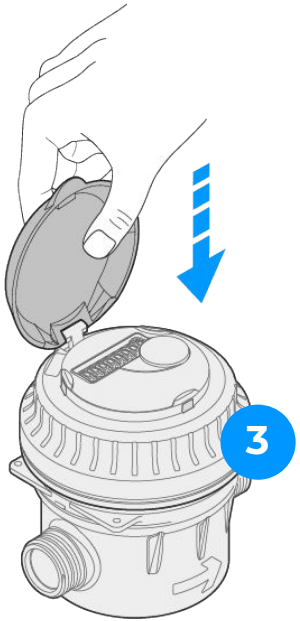
Removing the lid from your DIEHL Mechanical Pre-Equipped Model (snap-fit)



This procedure applies specifically for DIEHL mechanical pre-equipped models with snap-fit lids

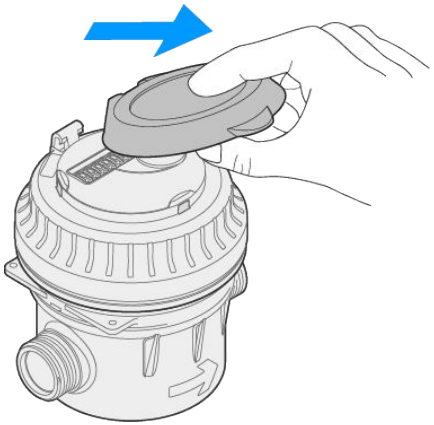
Lift the lid into a 90 degree angle as shown in the picture





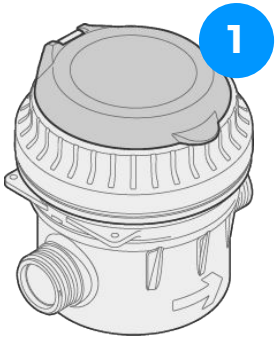
Push the lid downward until you hear a **“click"** sound signaling that the lid has been detached

Remove the lid by pulling it forward horizontally

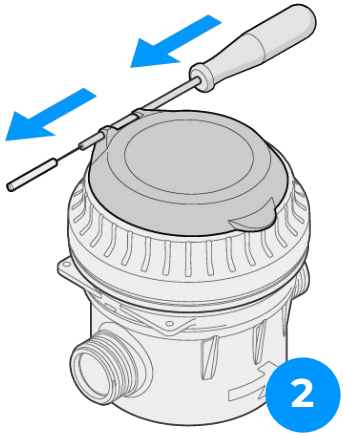


Setting up your meter

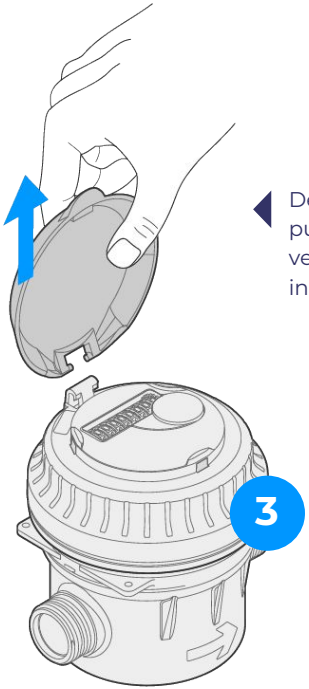
Removing the lid from your DIEHL - Mechanical Pre-Equipped Model (attached by pin)



This procedure applies specifically for DIEHL mechanical pre-equipped models with lids attached by pin



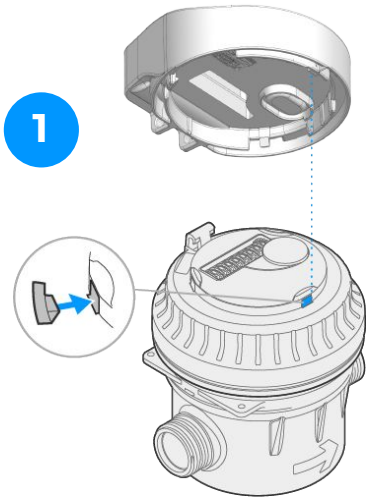
With the help of a screwdriver, push the pin outward as shown in the figure

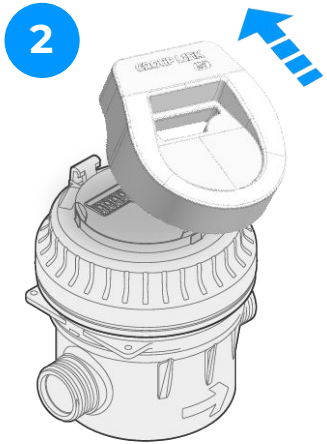


Detach the lid by pulling it upward vertically as shown in the figure

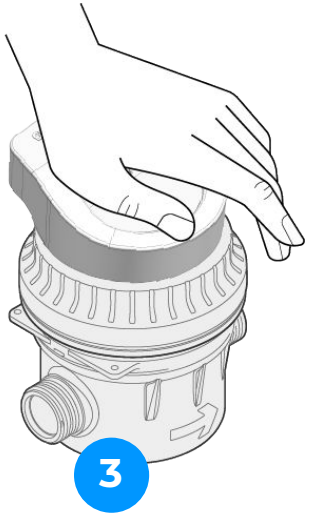
Installing your GL Water Mechanical DI

Before proceeding, look at the containment latches located on the inside of the **GL Water Mechanical DI** device to verify the correct fitting position



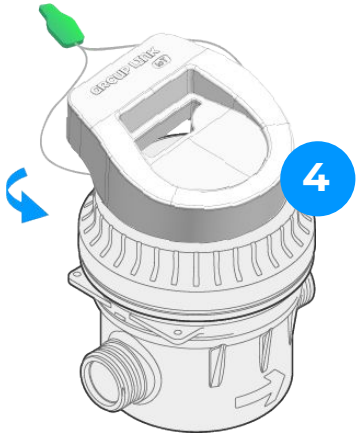


Begin the coupling diagonally, directing the lock towards the fitting located on the top part of the water meter as shown in the figure



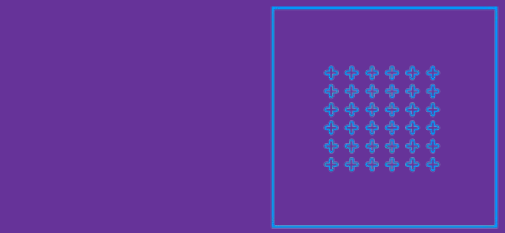
Using the palm of your hand, press the top of the GL Water Mechanical DI device against the meter until you hear a “click” sound signaling the appropriate fit

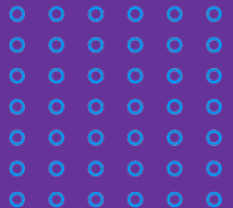
With the device duly locked onto the the meter, insert the seal through the access located on the back of the GL Water Mechanical DI



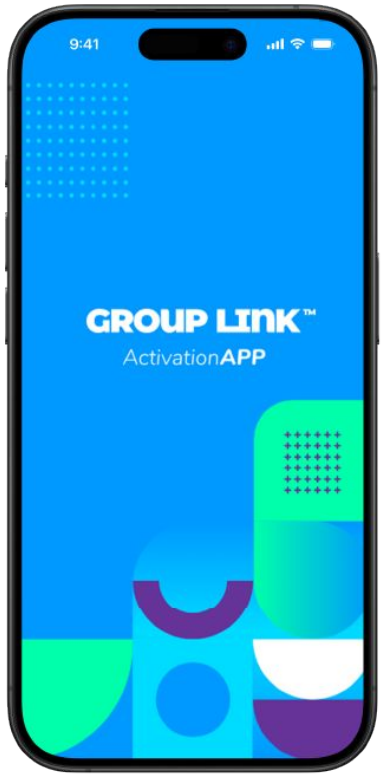
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Activating the device through the GL Activation App









Click the button below to access the device activation manual

GL Activation Manual

Go to the mobile app store for your operating system (Android or iOS) and search for the term "**GL Activation**," or access it using the buttons below:

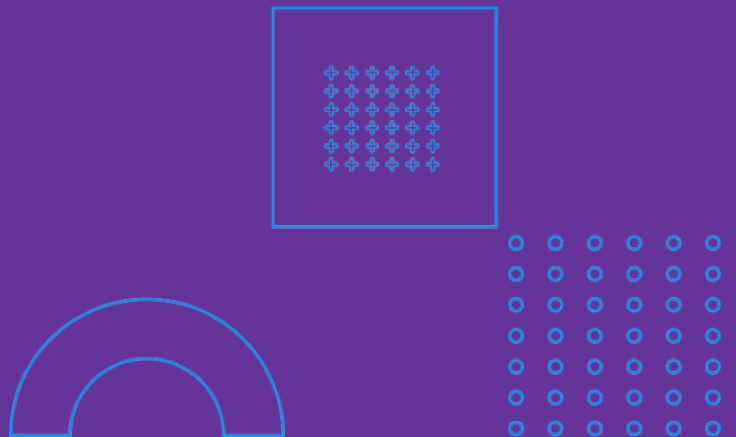
GET IT ON Google Play

Download on the App Store

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Monitoring the

GL Utilities Water Mechanical DI



Alarms for this device

Leakage

Activated when a consumption pattern with leakage characteristics is detected

Magnetic Attack

Alarm activated when a magnetic field is detected near the device

Reverse Flow

*1 liter/pulse

Alarm activated when there is reverse flow* for at least 30 seconds

Maximum Flow

Alarm activated when the maximum flow* is higher or equal to 10m3/h for at least 30 seconds. This is calculated considering a pulse factor of 1 liter/pulse

*10.000 liters/hour (10m³/h)

Removal

Alarm activated when there is any movement of the device in relation to its fixing point

NOTICE: The alarms are deactivated 24 hours after their initiation if their initial condition does not persist.

Produto Certificado

Certificação Voluntária
GL-MDV208
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