

Product number	Description
1772-2204000	GEKKO 4G.
1772-2204100	GEKKO SIGFOX.
LSH20	Lithium SAFT 3,6V battery, Li-SOCI2 13.0Ah.
Sigfox-ULTRA	5 years SigFox subscription.



**Local Supplier:**

# Gekko Quickguide

## About GEKKO

GEKKO datalogger has a robust industrial design. GEKKO can be powered by 2 lithium batteries or an external 12-30V DC power supply.

GEKKO is a Danish developed and produced product that complies with all specifications for electronics components, as well as installation in harsh environments.

## Applications

GEKKO is designed for use in waste water and water supply applications and can, by means of external equipment, be used for H<sub>2</sub>S detection, level measurement, overflow recordings and the recording of rainfall events.

## Communication and protocol

GEKKO can communicate via standard MODBUS TCP/IP, SMS commands or SigFox IOT protocol.

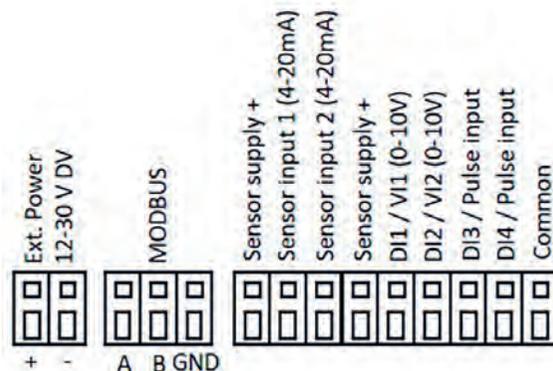
Communication is via the built-in 4G or SigFox modem on its own PCB board. This allows for upgrading the communication platform to future communication forms without replacing the entire datalogger.

GEKKO has a USB interface for programming and downloading of data. GEKKO can gather and log various types of data.

## Installation and specifications

For installation of the GEKKO, the following specifications may be required.

NOTE! GEKKO is not EX-rated and therefore cannot be used for installation in EX areas.



<b>Size</b>	L=186mm, W=156mm, H= 60mm
<b>Weight</b>	620g without batteries
<b>Supply</b>	2 x Lithium SAFT LSH20
<b>Mounting</b>	Wall-mount with 3 boreholes
<b>Insulation class</b>	IP67
<b>Input</b>	2 analog input (4-20mA), 4 digital inputs, where 2 of these can be configured as 0-10V inputs, RS485 MOD-BUS communication with external units.
<b>Communication</b>	4G modem or SigFox modem, both on their own PCB board, external antenna SMA plug
<b>Protocol</b>	MODBUS TCP/IP or SigFox IOT protocol

## Technical data

GEKKO comes with 2 analog inputs 4-20mA and 4 digital inputs, where 2 of these can be configured as 0-10V inputs.

Furthermore, it supports RS485 MODBUS communication with external units.



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