

| 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 H₂S 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.

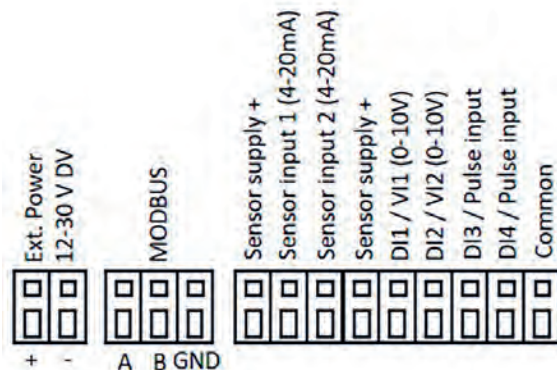
Communication is via the built-in 4G or SigFox modem on its own PCB board. This allows for upgrading the communication platform to future communication forms without replacing the entire datalogger.

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.



| | |
|-------------------------|---|
| Size | L=186mm, W=156mm, H= 60mm |
| Weight | 620g without batteries |
| Supply | 2 x Lithium SAFT LSH20 |
| Mounting | Wall-mount with 3 boreholes |
| Insulation class | IP67 |
| Input | 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. |
| Communication | 4G modem or SigFox modem, both on their own PCB board, external antenna SMA plug |
| Protocol | 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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