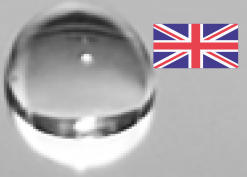


Products

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.



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, and comply with all specifications for electronics components, for 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.

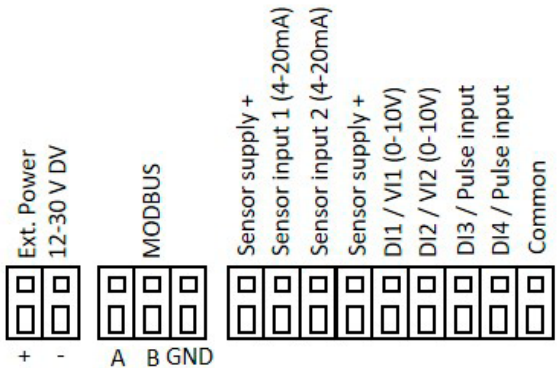
Communication and protocol

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 MODBUS 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.

