Product number	Description
FireFly-UA	FireFly alarm unit, without subscription.
Sigfox-Ultra	5 yearSigFox subscription incl. the handling of Sigfox back-end and invoice.
Strømspole	Power coil for monitoring motor current for pump start and operating hours.
6106301404-4	Battery lithium AA 1,5V.

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About FireFly

FIREFLY is designed in a robust industrial design.

FIREFLY can be supplied with 2 lithium AA batteries, with an expected lifetime of at least 5 years

FIREFLY is a Danish developed and produced product, and comply with all specifications for electronics components, for installation in harsh environments.

Applications

FIREFLY is designed for use as a simple alarm unit, according to the term "The local red alarm lamp has become intelligent"

FIREFLY is a battery-powered intelligent alarm device that can replace the existing red alarm lamp, which means, pump and high-water alarms are sent directly to the SRO system via the use of Sigfox communication.

With the the help af an external power coil, it can also detect the number of starts and operating time for the pump.

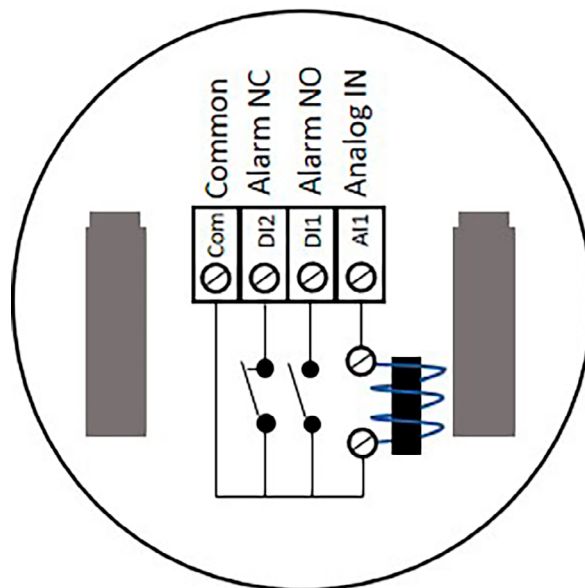## Communikation and protocol

FIREFLY communicates via SigFox IOT protocol and can be delivered with 5 year Sigfox prepaid subscription.

Installation and specifications

For installation af FIREFLY kan nedenstående mål være nødvendige.

BEMÆRK! FIREFLY er ikke EX-klassificeret og må derfor ikke installeres i EX-områder.

Material	ABS plastic
Diameter	Ø104 mm
Mounting	Minimum Ø38mm hole and with the use of a nut
Cable connection	4 clamps
Communication	SigFox
Antenna	Build-in
Enclosure class	IP67
Batteries	2 pcs. Lithium AA (not included)

Technical data

FIREFLY comes with 2 digital inputs and 1 analogue input 0-10V DC. This is used for measuring pump current for the detecting of number of starts and operating time in total values, as well as possibility for pump status (On or OFF), in a 5 minutes resolution. This is only with the use of a external power coil.

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