FIREFLY

Intelligent alarm unit

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

FIREFLY is a Danish developed and produced product, which complies with all specifications for electronics components that are placed in harsh environments.

FIREFLY is a battery-powered or fixed 3V DC intelligent alarm unit that can replace the existing red alarm lamp, so that pump alarms and high-water level switch are sent directly to the SCADA-system via AcowaCore.

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.

FIREFLY can be delivered with a 5-year Sigfox subscription and batteries or power supply – ready to install. FIREFLY is not EX-classified and must therefore not be installed in EX areas.

Technical specifications

Material	ABS plastic
Diameter	104mm
Installation	Min. 38mm hole with nut
Cable connection	4 pcs. clamps
Communication	SigFox
Antenna	Build-in
Enclusere class	IP67
Power supply	3V DC - 3,7V DC
Batteries	2 pcs. Lithium AA (not included)

Applications

- Operating data from pumping stations
- Level alarm on treatment plant
- Stormflow
- Level alarm from wells
- Level alarm reservoir and tanks
- Level alarm in rivers or streams

Products

Item number	Description
1772-19120001	FIREFLY for battery.
1772-19120001-P	FIREFLY for fixed supply.
1122-SigFox U	5 year SigFox subscription incl. creation on Sigfox back-end as well as invoice handling.
CS-651-20	Power coil for monitoring motor current for pump start and operating hours
6106301404-4	Lithium AA 1.5V Battery
RS-15-3.3	Power supply 3.3-3.7V 3A 9.9W mini size

Data collection

AcowaCore (AcowaCore and AcowaDash - ACOWA)

Visualization

AcowaDash (AcowaCore and AcowaDash - ACOWA)