



Our new data logger - powerful, compact and yet so simple...



- Everything can be operated from your smart phone.
- Very large built-in storage capacity.
- Complete measurement amplifiers for sensors like TTM.
- Algorithms for real-time evaluation of measurement data, e.g. "Rainflow" and "Time at level" but also pure long-term measurement as a function of time.
- Subscribe to our analysis software for e.g. a. exhaustion dimensioning or let's do a dimensioning based on the measurement, ready to use.
- Can be connected to 12 and 24V systems in a mobile environment.



Tekniska data (preliminära) – IF32 logger

Power	7 – 30VDC	
Max current	<2.5A	
Analog in		
- no.	8ch	
- analog in type, signal	0 – 3.3V / 4-20mA / NTC	State when ordering for each inport ch.
- inports, sample frequency	min 1kHz	Application dependent
- A/D resolution	10 bit	
Outputs		
- no.	2 bipolar/4st unip	Configurable
- outputs, type	On off / PWM	Configurable
- outputs, PWM freq.	5Hz – 5kHz	
- outputs, max current	1A	Max tot. current consumption (2A) must not be exceeded.
- outputs, voltage	Voltage in -2V	
External memory	32GB uSD-kort	Accessible from front.
Internal memory	128k Flash	Non volatile memory.
Display	LCD 128x64 pix.	With backlight.
Input	1 control wheel with 1 push button	
Wireless communication, BlueTooth (option)		
- speed	max 50 kBit/s	
- range	>100m	In open terrain
LoRa communication, LoRa (long range radio)		
- speed	max 50 kBit/s	
- range	>100m	In open terrain
Wireless comm. GSM		
- wireless communication GSM	GPRS	
Measures	Measures	Measures
LxWxD	LxWxD	LxWxD
Environmental durability		
	Fully adapted for mobile environment.	
Real time clock	aprox 24h	Capacitor powered

Applikationsprogramvara

- RTRF - Real time rainflow
- TAL – Time at level
- TB – Time based. 8ch, 1kHz => 23 days to SD card.

Add. functionality

Logical ch. can be calculated from one or more physical channels.