

IDIAG® Operate



Monitoring connected solution

The connected solution IDIAG Operate optimize the asset management, it alerts when a failure or critical malfunction are shown on an asset. The maintenance operator is instantly notified via SMS and/or Mail in case of abnormal event. Based on a Cloud solution and a connected sensor, it increases the assets' availability and optimizes maintenance operations.



Alerts & statistics



Start-up of the asset



Shutdown of the asset



Operating time

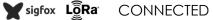


Over-consumption threshold Available from Q1-2018

Features









INDUSTRIAL



EASY TO IMPLEMENT



NON-INTRUSIVE

Non-binding document

Technical information			
Status indicator	Status LED + test & reset button		
Qualification	EN 300 220 (868Mhz-25mW) / CE		
Radio	Sigfox or LoRaWAN (local network or LPWAN)		
Data information			
Data access	SENSE Web or API (push data)*		

Transmitted data	Shutdown of the asset
	Operating time (viewable by graph)
	Over-consumption threshold Available from Q1-2018
	Keep-alive every 24 hours State, measure of current (A), power supply, internal temperature of the device

Start-up of the asset

Product Number			
IDIAC Operate	LoRa	IP0001T00	
IDIAG Operate	Sigfox	IP0001Y00	

Technical information				
Environment (casing)	Range	-20°C / +60°C		
	Protection category	IP 54		
Casing	Size	89 x 84 x 31 mm		
	Weight	190 g		
	Material	ABS/PC		
	Fixing	Rail DIN, industrial stick, plastic collar		
Power supply	Internal battery or external power suppply (power adapteur not provided)			
	Battery technology	3,6 V Primary lithium-thionyl chloride (Li-SOCl2)		
	Battery life	5+ years Depends on the conditions of use		
	External power supply	5 VDC > 200 mA Cable lenght 1,5 m Backup battery		
	Connection	Bare wire		
Measure	Accuracy	+/- 1 A		
	Range	Between 0 A and 80 A		
	Sensor type	Current transformer		
Sensor	Cable length	1 m		
	Pairing type	Split core − max Ø 10 mm		