

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

  CONNECTED



INDUSTRIAL



EASY TO IMPLEMENT




NON-INTRUSIVE

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 supply (power adapteur not provided)	
	Battery technology	3,6 V Primary lithium-thionyl chloride (Li-SOCl ₂)
	Battery life	5+ years <i>Depends on the conditions of use</i>
	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	Sensor type	Current transformer
	Cable length	1 m
	Pairing type	Split core – max Ø 10 mm

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

Product Number		
IDIAG Operate	LoRa	IP0001T00
	Sigfox	IP0001Y00