

SIGFOX-READY AC CURRENT SENSOR



SKU: WSSFC-AC

SIGFOX AC CURRENT SENSOR WSSFC-AC



WSSFC-AC-H1.JPG



WSSFC-AC is a wireless Sigfox-ready sensor with 1-channel AC current input 5A to measure the AC current load of your motors, machines...to count the energy consumption, OVER-load or NO-load detection, run hour counting...With Ultra-low power design and smart firmware allow the complete Wireless and Sensor package run on 2 x AA battery up to 10 years. It can support all regions of Sigfox network in over the World, RC1, RC2, RC3c, RC4, RC5, RC6, RC7.

Typical Applications: Typical applications: Monitoring energy consumption, monitoring power supply, monitoring machine health, monitoring machine uptime,...



SIGFOX-READY

Support RC1, RC2, RC3c, RC4, RC5, RC6, RC7.



10 YEAR BATTERY

Ultra-low power sensing technology from Daviteq with Ultra-low power wireless technology allow the sensor can last up to 10 years with 2 x AA batteries 1.5VDC



WORK WITH COMMON CURRENT TRANSFORMERS

Allows to setup the ratio of current transformer



HIGH PRECISION AND STABILITY

Sensor with smart software provides high accuracy and stability

SIGFOX AC CURRENT SENSOR CONNECT WITH CURRENT TRANSFORMER



WSSFC-AC-H2.JPG

DAVITEQ TECHNOLOGIES INC

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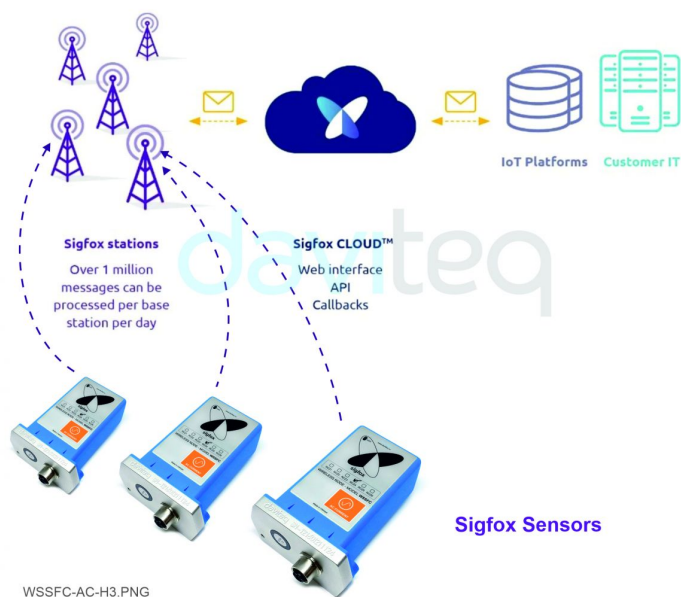
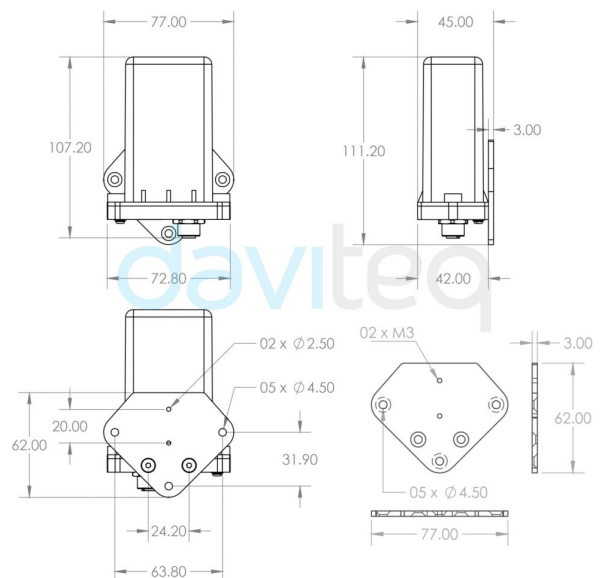
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SPECIFICATION

SENSOR SPECIFICATION:	
Measuring range	0..5A AC
Accuracy	1.0%
Resolution	10 bit
Temperature Drift	50 ppm per oC
Electrical connection	cable 0.5m with crimping connectors for easy connect to the CT
SIGFOX SPECIFICATION:	
Sigfox zones	select RC2-RC3c-RC4-RC5 or RC1-RC6-RC7
Antenna	Internal Antenna 2 dbi
Configuration	via offline USB cable (PC software is supplied at free) and via Downlink
Battery	02 x AA Type 1.5VDC, working time up to 10 years (depends on configuration) ** 7 years working with 30 minutes update, RC4, 1 x transmit
RF Module complies to	CE, FCC, ARIB
Working temperature	-40°C..+60°C (using Energizer Lithium Ultimate AA battery)
Dimensions & Net-weight	H107xW73xD42, 190 grams
Housing	Aluminum+Polycarbonate, IP67
Mounting	Wall mount bracket

SYSTEM ARCHITECTURE

DIMENSION DRAWING OF WIRELESS SENSOR
(Unit: mm)

RECOMMENDED BATTERIES

E91 AA Alkaline battery



L91 AA Lithium battery



-18 .. + 60 oC working temperature

10-year shelf life

3000 mAH Capacity

Price: 1X

-40 .. + 60 oC working temperature

20-year shelf life

3500 mAH Capacity

Price: 3.5X

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ORDERING INFORMATION

ITEM CODE	DESCRIPTIONS
WSSFC-AC-11	SIGFOX-READY AC CURRENT SENSOR, 1-CHANNEL MAX 5A, IP67, BATTERY AA 1.5VDC, CABLE 0.5M LENGTH WITH CRIMPPING CONNECTORS FOR CT

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