



# rfsolutions SENW-ACPF AC Power Sensor User Guide

[Home](#) » [rfsolutions](#) » rfsolutions SENW-ACPF AC Power Sensor User Guide 

## Contents

- [1 rfsolutions SENW-ACPF AC Power Sensor](#)
- [2 Overview](#)
- [3 Operation](#)
- [4 Advanced Features—Jumper Link](#)
- [5 Simplified Declaration of Conformity \(RED\)](#)
- [6 Disclaimer](#)
- [7 Documents / Resources](#)
  - [7.1 References](#)
- [8 Related Posts](#)

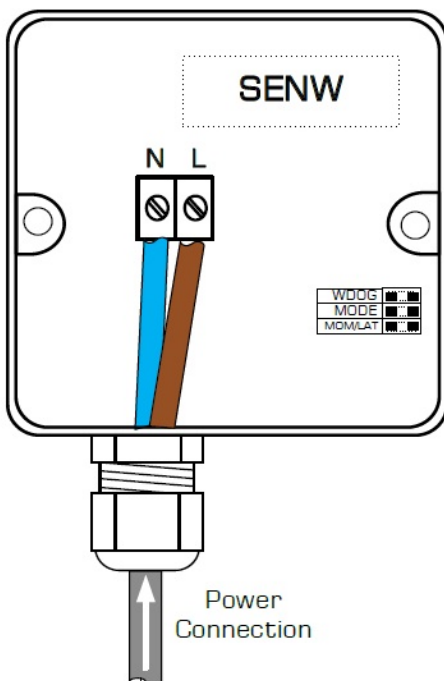


## rfsolutions SENW-ACPF AC Power Sensor

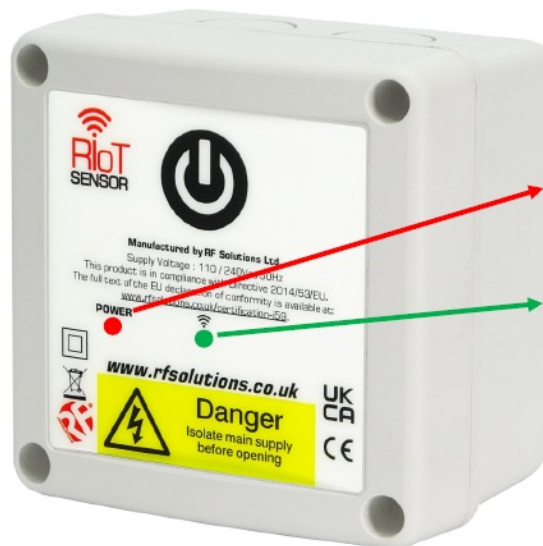


### Overview

#### Wire Connections



#### LED Operation



### Connect the Switched Input Lin

- Connect the Power input to L (LIVE) and N (Neutral).
- When this input is 'LIVE' the Red LED will illuminate,

### Warning:

- The product is not independently isolated, ISOLATE the mains electricity supply before removing the cover and observe any relevant safety precautions. Maintenance to the product that involves removal of the cover should only be carried out by a competent person or qualified electrician.
- F2 Fuse rating is 4A (T) 250 H (Ceramic). Replace fuse with same type and rating.
- The product must be connected to a switch fused (spur/supply) or BS 1363 Plug.

## Operation

When powered the RIoT sensor will automatically transmit its status according to the users preset time interval. (factory default is every 30mins).

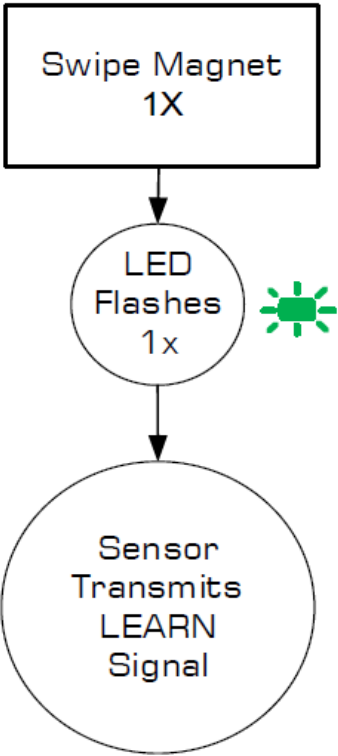
## Configuration

Is achieved by Swiping a magnet along the side of the enclosure (as shown below) Note: Power must be applied!

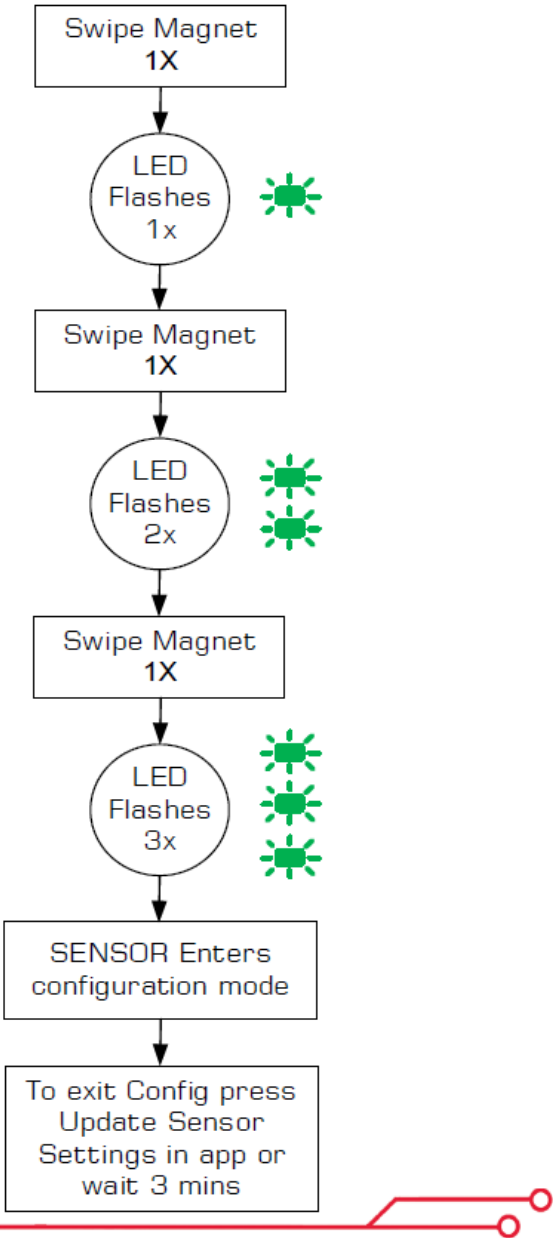


Briefly swipe a magnet along the enclosure to activate the internal reed switch.

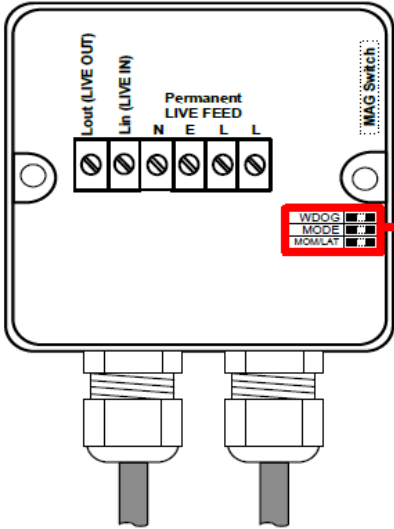
Send a Learn Signal



Enter Config Mode



Advanced Features—Jumper Link



Link	Open	Fitted
WDOG	Not used	
MODE	FSK	LORA Mode 3
MOM/LAT	Not used	

MODE

**FSK**, Faster operation shorter (Line of sight up to 500m in buildings 200m.)

This mode is recommended for general operation,

**LORA** Mode 3, Long range Mode / Slower operation. This mode can be used where additional RF penetration / range is required.

Please note that if LoRa is selected the RIoT Hub will require to be configured to the same LoRa Mode3

## **Simplified Declaration of Conformity (RED)**

Hereby, RF Solutions Limited declares that the radio equipment type defined within this document is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [www.rfsolutions.co.uk](http://www.rfsolutions.co.uk)

### **important European compliance information**

This RF Solutions product meets the essential requirements of the European Radio Equipment Directive 2014/53/EU and has been tested to European Harmonised Standards and CE marked accordingly.

Please note that if using this product in LORA Modes 5,6,7 in “Continuous Transmission Mode” the user must only operate for 6 mins in every hour in order to comply with Duty Cycle regulations.

### **RF Solutions Ltd. Recycling Notice**

Meets the following EC Directives:

#### **DO NOT**

Discard with normal waste, please recycle.

#### **ROHS Directive 2011/65/EU and amendment 2015/863/EU**

Specifies certain limits for hazardous substances.

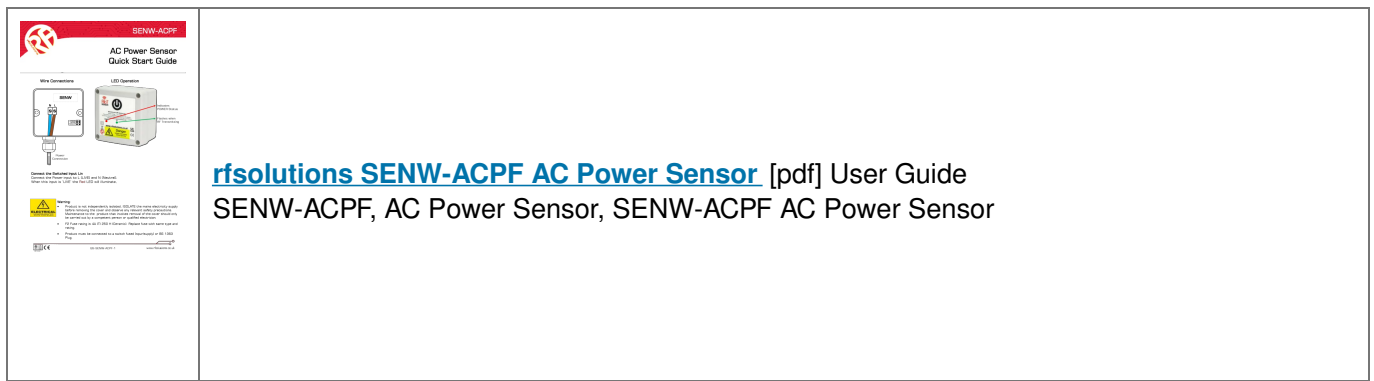
#### **WEEE Directive 2012/19/EU**

Waste electrical & electronic equipment. This product must be disposed of through a licensed WEEE collection point. RF Solutions Ltd., fulfils its WEEE obligations by membership of an approved compliance scheme, environment agency registration number WEE/JB0104WV.

## **Disclaimer**

Whilst the information in this document is believed to be correct at the time of issue, RF Solutions Ltd does not accept any liability whatsoever for its accuracy, adequacy or completeness. No express or implied warranty or representation is given relating to the information contained in this document. RF Solutions Ltd reserves the right to make changes and improvements to the product(s) described herein without notice. Buyers and other users should determine for themselves the suitability of any such information or products for their own particular requirements or specification(s). RF Solutions Ltd shall not be liable for any loss or damage caused as a result of user's own determination of how to deploy or use RF Solutions Ltd's products. Use of RF Solutions Ltd products or components in life support and/or safety applications is not authorised except with express written approval. No licences are created, implicitly or otherwise, under any of RF Solutions Ltd's intellectual property rights. Liability for loss or damage resulting or caused by reliance on the information contained herein or from the use of the product (including liability resulting from negligence or where RF Solutions Ltd was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or re-strict QuasarUK Ltd's liability for death or personal injury resulting from its negligence.

## **Documents / Resources**



[rfsolutions SENW-ACPF AC Power Sensor](#) [pdf] User Guide  
SENW-ACPF, AC Power Sensor, SENW-ACPF AC Power Sensor

## References

- [rfsolutions.co.uk](#)
- [RF Solutions | Remote control systems, RF Modules, Antennas](#)
- [rfsintercom.com/](#)

[Manuals+.](#)