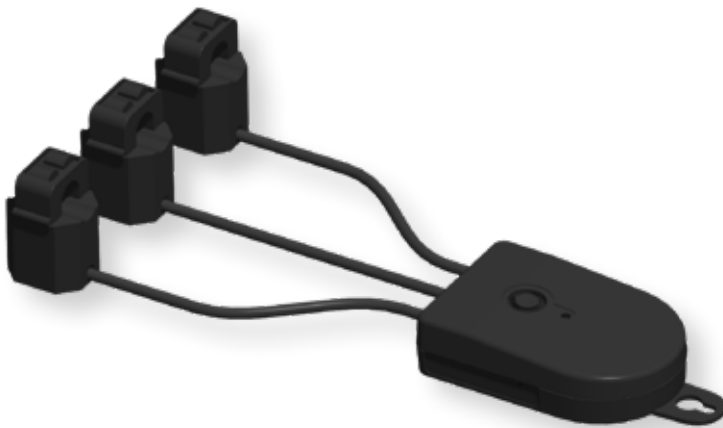


## Three Channel CT Clamp V3

Part No: CTV3. [868]-[902]-[928].3CH.[060A]-[200A]-[600A]

The Pressac Sensing V3 Wireless 3 Channel CT Clamp is designed to measure and report the AC current flowing in 3 separate channel's. Powered from any of the measured conductors, the measured current in all 3 channel is reported every 30 seconds. The Pressac Sensing V3 Wireless 3 Channel CT Clamp is easily installed with no disturbance to the measured conductors.



### Features and Benefits:

- Energy harvesting – powered from the measured cable
- Wireless communications – low installation costs, no networking required
- Rapid installation straightforward and easy set-up with no disruption
- Pluggable - for ease of installation
- No batteries to replace – no maintenance costs
- Appliance fingerprinting – Monitor the operational costs of each appliance day by day



### Functionality:

- Simply clip around any single core cable
- Requires no batteries or wiring
- Requires no interruption to the power supply
- Transmits electrical current value (Amperes) wirelessly using EnOcean® technology

### Applications:

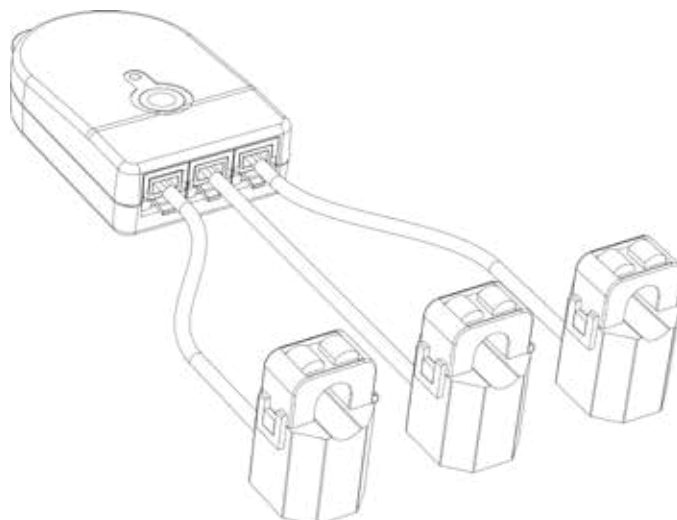
- Residential energy monitoring
- Sub Metering
- Plant energy monitoring



Ready for  
IBM Watson IoT

# Three Channel CT Clamp V3

Part No: CTV3. [868]-[902]-[928].3CH.[060A]-[200A]-[600A]



## TECHNICAL SPECIFICATIONS

Measurement Range	1A - 60A ; 2A - 200A ; 2A - 600A
Frequency	50Hz or 60Hz
Accuracy - whichever is greater	<b>60A</b> = +/- 0.1A or 2% <b>200A</b> = +/- 0.1A or 2.5% <b>600A</b> = +/- 1A or 3%
Transmission Rate	30 Seconds
Reported Value	3 Separate channels in Amps
Repeater	No
Environment	IP 4X
Enclosure Material	Nylon 66
Sample Time	Average of 5 measurements per 30 seconds (Per channel)
Telegram	VLD
Calibration	Not Required
Operating Temperature & Humidity Range	-5°C to +40°C; 85% RH
Storage Temperature & Humidity Range	-20°C to +55°C; 85% RH
Diameter of Measurable Conductor	60A - 10mm or less ; 200A - 24mm or less ; 600A - 36mm or less
Dimensions of Clamp	60A - 25mm x 22mm x 35mm approx. 200A - 35mm x 45mm x 65mm approx. 600A - 65mm x 41mm x 85mm approx.
Dimensions of Case	80mm x 55mm x 20mm approx.
EEP	D2-32-02



Pressac Sensing products incorporate EnOcean® wireless technology, and are fully compliant with EnOcean® protocols. The Pressac Sensing range can be integrated with EnOcean® products from over 300 global manufacturers.

EnOcean® is a widely established and global technology, and has been installed in over 250,000 buildings worldwide. The EnOcean® wireless standard is the first to be ratified as an international standard - ISO/IEC 14543-3-10: together with the EnOcean® Equipment Profiles (EEPs) drawn up by the EnOcean® Alliance, this international standard lays the foundation for fully interoperable, open wireless technology comparable to standards such as Bluetooth and WiFi. The standard can be downloaded from [www.iso.org](http://www.iso.org).



### Pressac Communications Limited

145 Glaisdale Drive West, Bilborough, Nottingham, NG8 4GY (UK)

+44 (0)115 936 5200 @ enquiries@pressac.com www.pressac.com

Registered in England No. 5623170 VAT No. GB 228 0228 31 Registered Office: 145 Glaisdale Drive West, Bilborough, Nottingham NG8 4GY (UK)



FM79693 EMS71291