

Capture sensor *and* power data with the world's first wireless monitor for energy-intensive systems



21 Inputs

3x Voltage

3x 4-20mA

1x Neutral

2x Digital

4x Current

2x Serial

5x Temperature (or extra Digital inputs)

1x Combined Temperature and Humidity

Modbus RTU (Master) and/or TCP/IP (Master and Slave) functionality is available as an option.

Rapid Deployment

Installation is quick with plug-and-play sensors and clear configuration pages.

Flexible Output Options

Connect seamlessly to/through CSV, SCADA, DCS, LonWorks, BACnet, Modbus, as well as Honeywell Hawk, Trend BMS, eSight and more.

Easy to Update

Upgrading and making configuration changes, locally or over the Internet is simple.

Non-Intrusive

Forget complicated power metering. Using Current Transformers and a local voltage reference point from a standard wall-socket, metering is safe, quick and easy.

Resilient Connections

Cable terminations are tightly held by cage-clamp terminals.

Tough

The **EnCompass**, with its robust ABS case and component potting, is very resistant to physical and chemical damage, and is well suited to harsh environments. IP67 rated.

I/O

Voltage Measurement	3x Voltage, 45 – 230 VAC
Neutral	1x Neutral, 45 – 230 VAC
Current Measurement	4 x Current (CT), 0.333V or 75 mA
Status or Pulsed Count	2x Digital Inputs (Volt Free Contact) <i>or if selected in place of Temp. inputs</i> 7x Digital Inputs
Status of Totaliser Output	1x Digital Triac Output
Temperature	5x 10K3A1 Thermistor
4-20mA	3x 4-20 mA (Loop Powered)
Dual Input Interface	1x Temp/Humidity Input
Serial	1x RS232 1x RS485
Access to User Interface	Local via serial connection. Remote (<i>with siteCONNECT subscription</i>)

POWER

24V PSU	9 - 32VDC
5V USB Power Adaptor	5VDC
Mains Input Voltage	Voltage 1-3 range 45VAC – 230VAC. 50/60Hz. Isolated from other I/O.
Wiring (Mains)	Cage-Clamp terminals rated at 630V, 12A Suitable for cables 0.14-2.5mm ²
Wiring (Other)	Cage Clamp terminals rated at 250V, 2A Suitable for cables 0.5-1.5mm ²

PHYSICAL

Dimensions (H x W x D)	235.00 x 154.06 x 73.22 mm
Weight	1.1kg
Enclosure Material	Acrylonitrile Butadiene Styrene (ABS)
Enclosure Rating	IP67
Operating Temperature	-20°C to +60°C (-4°F to +140°F)
Thermal Ignition Resistance	HB @ 1.5mm
Approvals	CE

