

# in4mA

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## METRON P

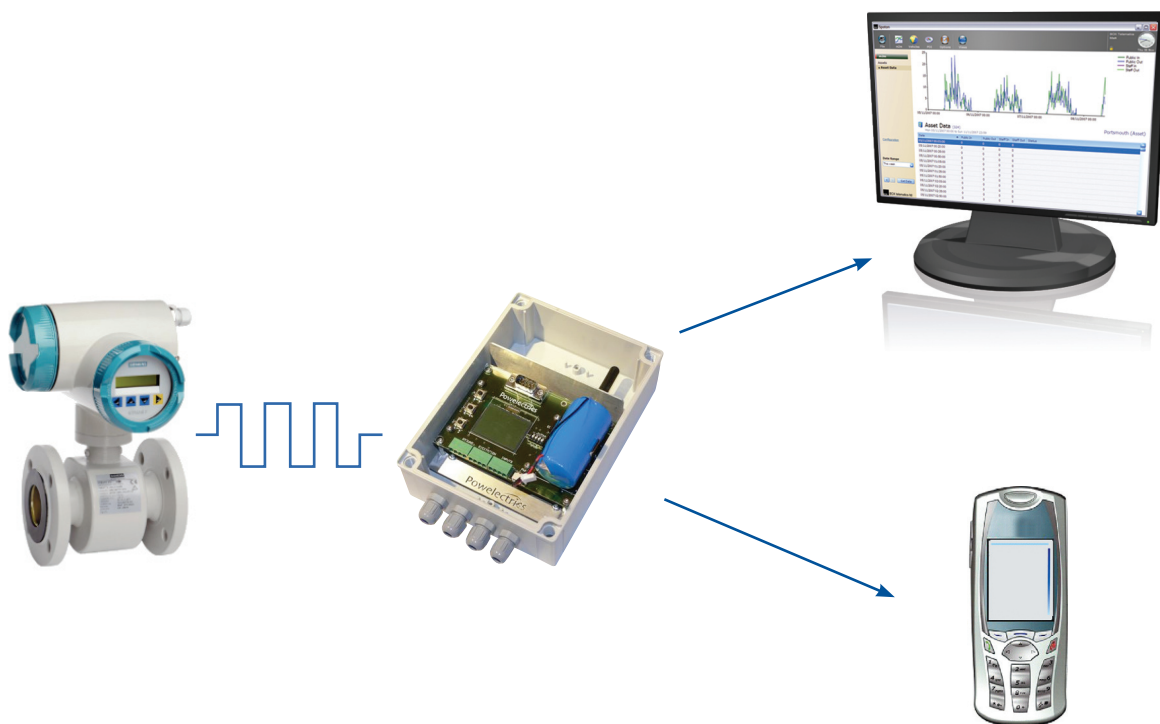
The Metron P is ideal for remote meter reading. The battery powered unit sends a text message every day with the meter reading. The text message can be sent to either your mobile phone or our web based data hosting solution, Gateway.

Utilising the latest microprocessor technology coupled with state of the art GSM engineering the new METRON provides the most economical solution for remote telemetry with the added advantage of being self powered to ease installation and maintenance.

Using the GSM (mobile phone) network to communicate means there is no need to install a phone line making the system flexible, portable and removes the need for customer interaction.

This version of the Metron has a plug in board fitted into the D type connector on the front of the main circuit board. This additional board incorporates the real time clock with a battery backup. When the main battery is connected the real time clock draws it power from this, but when power is removed the small on board battery takes over and this has a life of 4 years.

The unit can be programmed locally or remotely. When local the user has a series of pushbuttons and an LCD display making the process very quick and easy – there is little training involved.



### Monitor your equipment, wherever you are, wherever your equipment is

- Low cost affordable telemetry
- Quick and easy installation
- Complete end to end solutions

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**Powelectrics**  
sensing & telemetry solutions

The unit is normally asleep, with just the processor running drawing 610 microamps. The pulses are counted and every day the unit will send, in the form of a text message, the readings to either your mobile phone or gateway, the web based data presentation solution.

You bring on the screen by pressing the middle button. You can navigate around the menu to check the status of the inputs, check signal strength and see how the unit is programmed, as well as changing how it is programmed.

### **Monitor your assets from anywhere in the world**

- Integral Programmable Processor
- 4 pulse inputs for meter reading etc.
- Battery powered- typical life of 2 years
- Graphical display to help with configuration
- Tri band GSM for global operation
- Weatherproof enclosure
- Compatible with Gateway – web based data

Pulse inputs:	volt free contact or voltage, 33 kohm input impedance, 10 Hz max
Integral battery:	2 year life typically. 14.5 AH, 3.6V
Maximum count :	4294967295
Remote programming:	By text message
Text message:	Once per day
Dimensions :	enclosure 180x130x75mm backplate 140x115mm
Programmable parameters :	4 numbers in the phone book Tag names for each of the 4 inputs Pre-scalar for each channel Transmit time (when each day text message is sent) Units of measure for each channel (eg litres) Reset or rollover count, once text message is sent

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