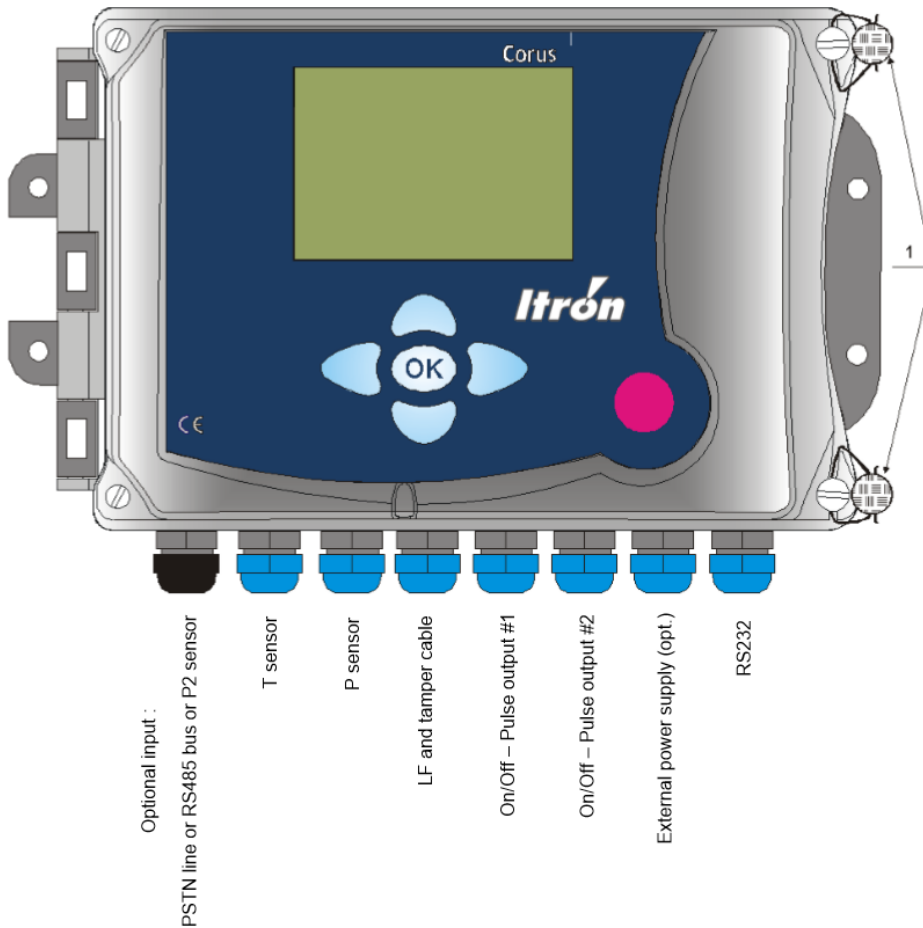




Are you ready for energy savings? Enable our cloud-based energy analytics and dashboard for your gas meter readings, to discover, measure and verify savings in the premises you manage.

The [Itron Gas Volume Converter CORUS \(PTZ\)](#) is the industry-leading device to correct gas readings according to pressure, temperature and compressibility factor. You can now connect your CORUS to Wattics via our Octopus gateway in a few steps.

1 Configure your CORUS Pulse Outputs



The CORUS features a low frequency (LF) input used to meter unconverted volumes. That LF input can be associated to any gas meter with an electrically compliant interface:

- Dry contact
- Static relay
- Open collector or open drain output

The CORUS then features two on/off outputs that can be each configured as:

- unconverted volume pulse output
- converted volume pulse output

Both pulse outputs are individually characterized by a pulse weight that can be configured to any value greater than or equal to the input pulse weight among 0.001 m³/pulse, 0.01 m³/pulse, 0.1 m³/pulse, 1 m³/pulse, 10 m³/pulse, 100 m³/pulse. The outputs generate a pulse every time the corresponding (unconverted or converted) index gets increased by a value equal to the selected output pulse weight. The closing time of the volume pulse outputs can also be programmed (default value is 250ms).

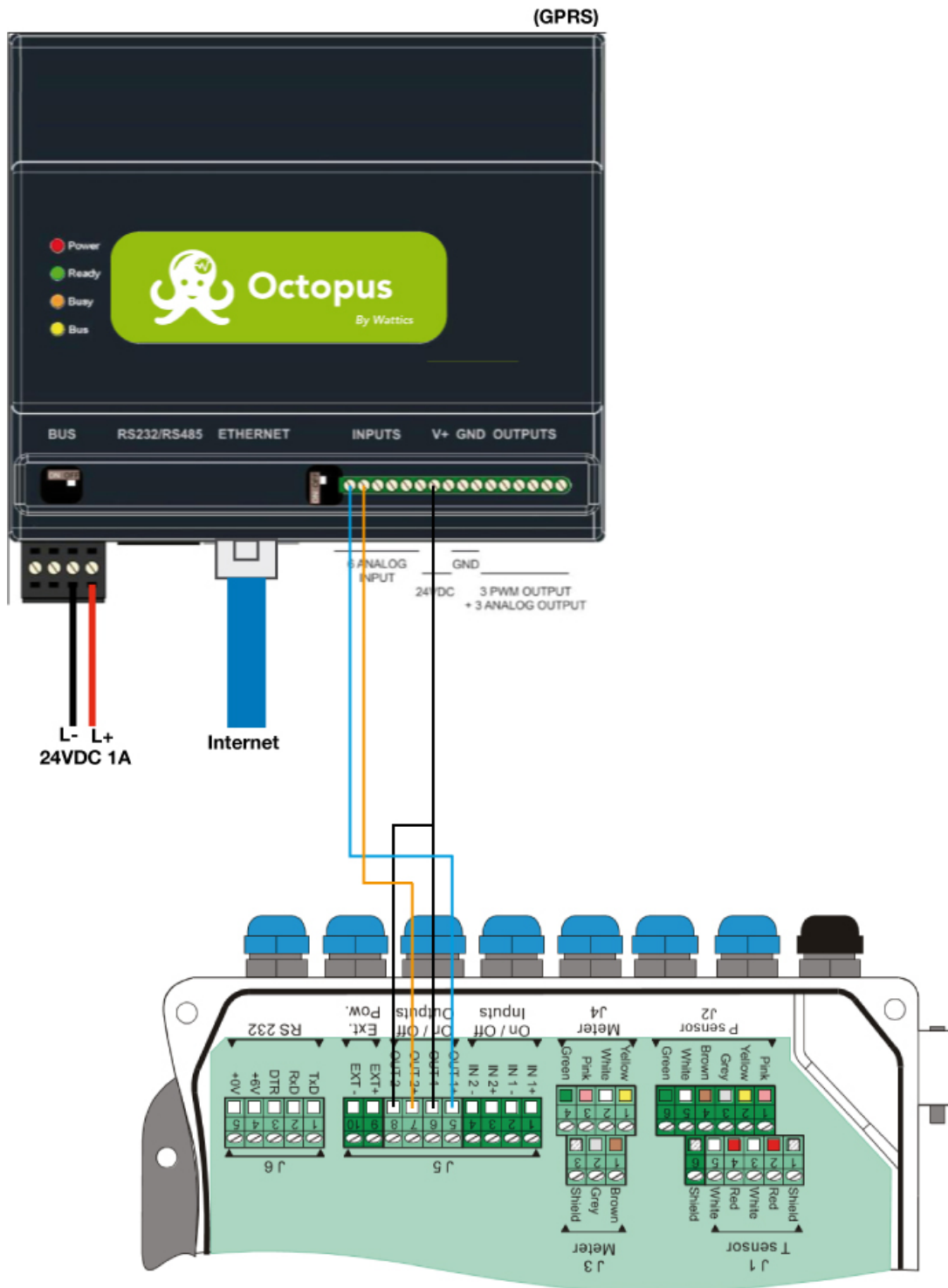
Check the Itron's user manual to wire your gas meter to the CORUS device and to configure your unconverted and converted volume pulse outputs. Installation and program procedures must be carried out and inspected by qualified personnel. Qualified personnel are those who, based on their training and experience, are capable of identifying risks and avoiding potential hazards when working with this product.

2 Wire your CORUS Pulse Outputs to the Octopus Gateway

Make sure that all devices are powered off before any wiring is done.

The Octopus gateway is a Modbus data logger that comes with 6 x digital inputs, meaning that up to 6 pulses outputs can be counted, logged and communicated to Wattics dashboard. You can connect the pulse outputs from your CORUS to the Octopus Gateway in any available input. You may have a signal barrier in between to separate the safe zone from the hazardous zone.

1. Power the Octopus and CORUS off
2. Connect the Octopus 24VDC V+ line to the Corus' OUT1-/OUT2- (J5.6/J5.8) lines
3. Connect the CORUS OUT1+/OUT2+ (J5.5/J5.7) pulse outputs to two of the Octopus digital input lines
4. Power up the Octopus

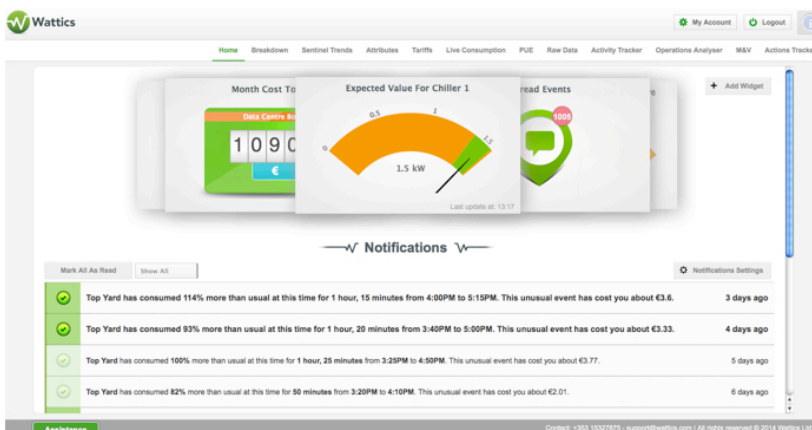


3 Configure your Octopus Gateway

Once the CORUS pulse outputs are wired, the Octopus device must be configured to count, log and show measurements on your Wattics Energy Management Dashboard. You must follow the instructions below:

<http://docs.wattics.com/2016/04/08/configuring-your-wattics-octopus-with-the-octopus-software-tool/>

Once the configuration is completed and your data points are registered and subscribed to Wattics, you will receive access to your Wattics dashboard, and from then on will be able to log in to your Wattics Dashboard at <http://dash.wattics.com> to start analyzing your gas meter readings.



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Connect your Itron Gas Volume Converter CORUS (PTZ) to Wattics