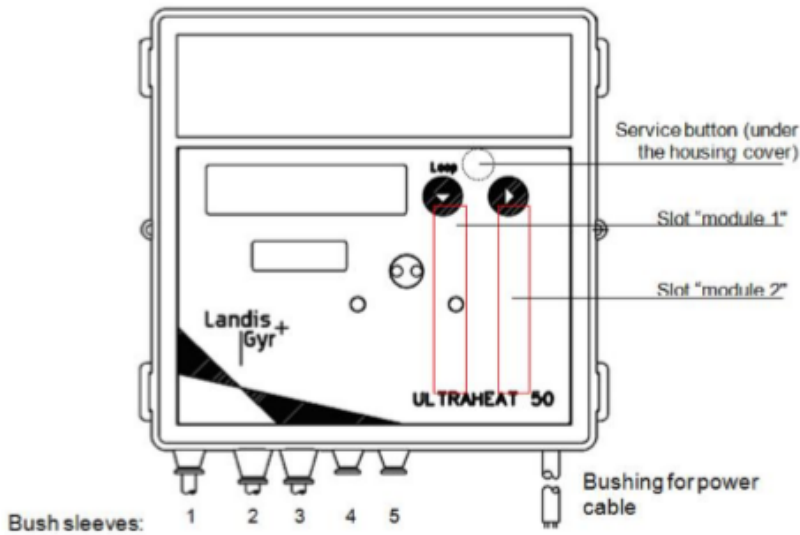




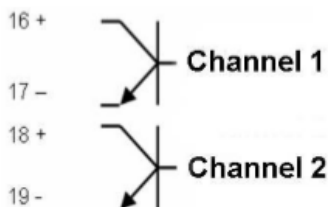
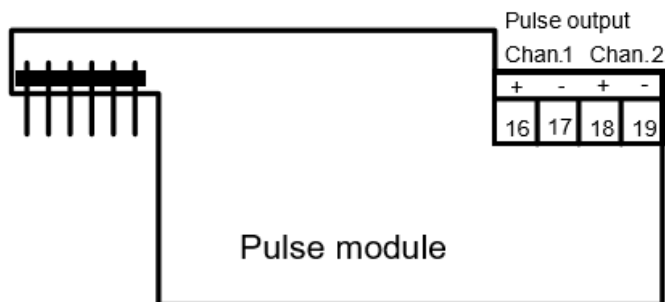
Are you ready for energy savings? Enable our cloud-based energy analytics and dashboard for your flow meter readings, to discover, measure and verify savings in the premises you manage.

The [Landis Gyr ULTRAHEAT T550 \(UC50\)](#) is the industry-leading non-calibrated calculator for determination of heat-/cold flow volume of liquid mixtures (e.g. glycol/ water). You can now connect your T550 (UC50) to Wattics via our Octopus gateway in a few steps.

## 1 Configure your T550 (UC50) Pulse Outputs



Your T550 (UC50) should have a pulse module plugged into one of the two module slots. The pulse module permits the output of pulses that can be derived from the quantity of heat and the corresponding volume. Two channels are available whose functions can be parameterized with the service software.



You can find your pulse output parameters via the T550 (UC50) display in service loop LOOP 4. Use the LCD button 2 to call the displays one after the other. The default configuration has

the quantity of energy (CE) pulsed on channel 1, and the volume pulsed on channel 2. You need to write these pulse output parameters down, as we will need them for conversion of pulse to the right unit.

LOOP 4	Head of the loop
...	...
Modul 2-1 CE	Module 2: pulse module; channel 1 = energy quantity, Channel 2 = volume; at 2-sec. intervals
Modul 2-2 CV	
PO1 125,00Wh/l	Significance for energy quantity pulses *)
PO2 00250 l/l	Significance for volume pulses *)
PO3 2ms	Pulse duration in ms *)

\*) for „fast pulses“

Check the Landis Gyr’s user manual to wire your equipment and to configure your 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 T550 (UC50) Pulse Outputs to the Octopus Gateway

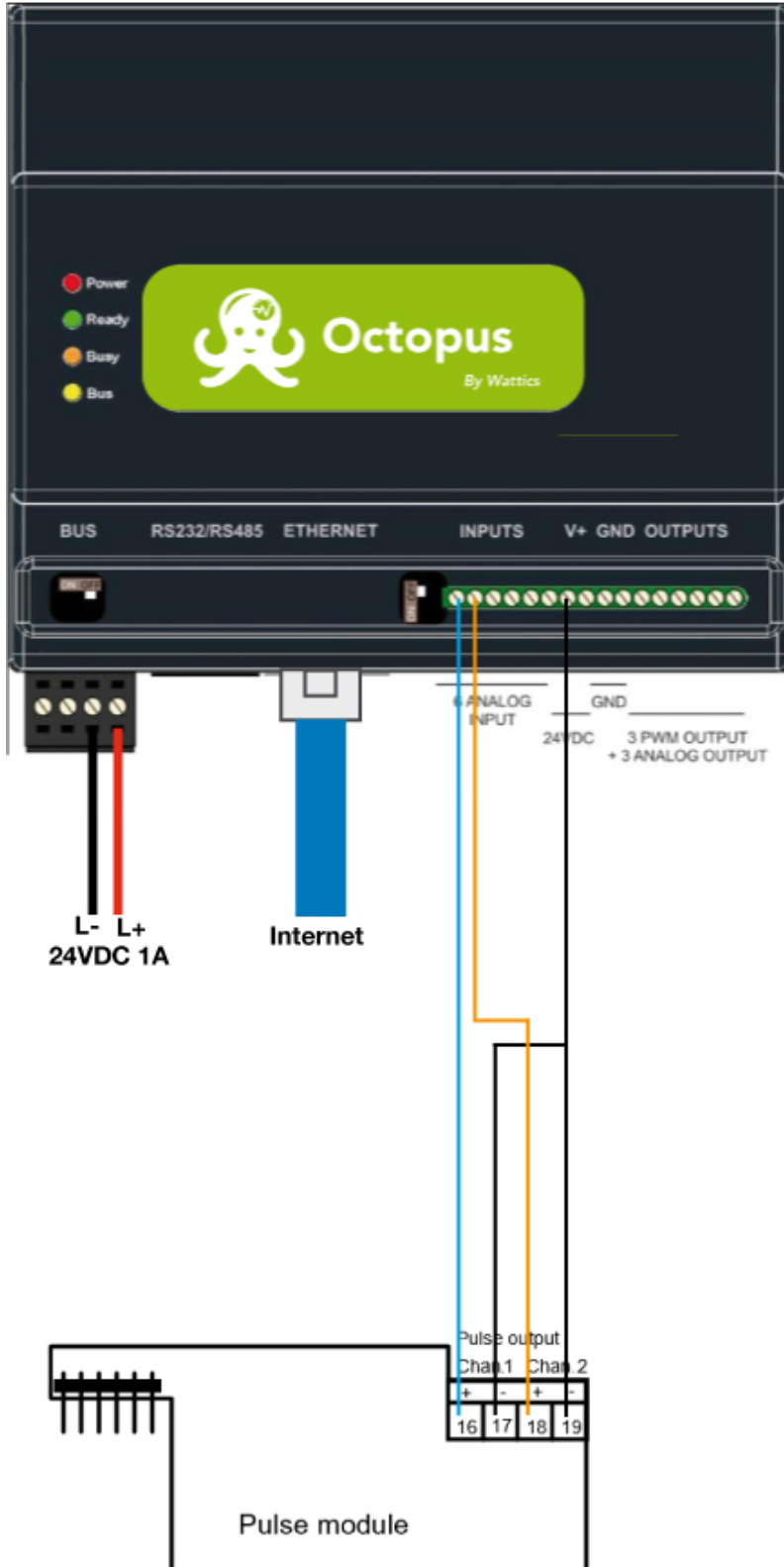
Make sure that all devices are powered off before any wiring is done.

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 T550 (UC50) to the Octopus Gateway in any available input.

1. Power the Octopus and T550 (UC50) off
2. Connect the Octopus 24VDC V+ line to the T550 (UC50)’s -17 and -19 lines
3. Connect the T550 (UC50)’s +16 and +18 pulse outputs to two of the Octopus digital input lines

#### 4. Power up the Octopus

(GPRS)



### 3 Configure your Octopus Gateway

Once the T550 (UC50) 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 energy and volume readings.



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