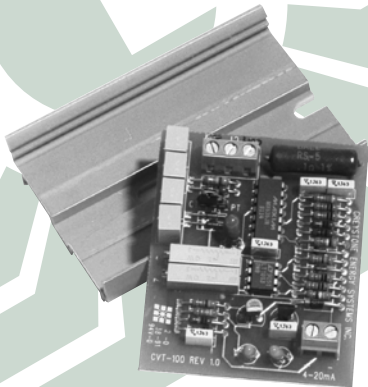


# CT/PT INPUT TRANSDUCER CVT-100



## FEATURES:

- True RMS-DC conversion
- CT or PT input (pin selectable)
- Loop Powered
- Reverse voltage protection
- CSA NRTL/C approval (Canada / USA)

## APPLICATIONS:

- Power consumption monitoring
- Overload detection

The CVT-100 accepts a 0 to 5 Amp RMS current from a CT, or a 0 to 20 Volt RMS voltage from a PT, and converts it to a proportional DC current loop. The CVT-100 incorporates a true RMS conversion which is corrected to all types of waveforms, and therefore can be used with a wide variety of load types: SCR, TRIAC, Inductive motors, etc.

**NOTE: PT option includes 115/20 Vac transformer. For other potential transformers, contact Greystone**

## SPECIFICATIONS:

<b>Power Supply:</b>	10 - 32 Vdc	<b>Accuracy:</b>	±1% Full Scale Output
<b>Current Consumption:</b>	26 mA (max.)	<b>Operating Temperature:</b>	0 to 70°C (32 to 158°F)
<b>Input Signal:</b>	0 - 5 Amp RMS (CT) 0 - 20 Volt RMS (PT)	<b>Operating Humidity:</b>	0 - 95% RH non-condensing
<b>Input Impedance</b>	0.1 ohm(CT) 15k ohm(PT)	<b>H x W x D:</b>	19 x 57 x 70 mm (0.75 x 2.25 x 2.75")
		<b>Mounting:</b>	Snap Track (factory supplied)

## CVT-100: PRODUCT ORDERING INFORMATION

CODE	Enclosure Options	CODE	Input Options
A	Snap Track	1	CT (0-5) AMP
		4	PT

## ORDER EXAMPLE:

To order a:  
**CVT-100 with Snaptrack, CT input - 0-5 Amps**  
 The following order number would apply  
**CVT-100-A-1**



# GREYSTONE

**ACCURACY BY DESIGN**

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*Greystone Energy Systems Inc. is one of North America's largest ISO registered manufacturers of HVAC sensors and transducers for Building Automation Management Systems.*

*We have conscientiously established a worldwide reputation as an industry leader by maintaining leading-edge design technology, prompt technical support, and a commitment to on-time deliveries. We take pride in our Quality Management System which is ISO 9001 certified, assuring our customers of consistent product reliability.*

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