

## SPLIT CORE CURRENT TRANSDUCER /W 0-5VDC OUTPUT

### FEATURES:

- ◆ Split core, Self powered
- ◆ 0-5V DC Output
- ◆ Low cost
- ◆ Compact size and easy wiring

### APPLICATION:

The *i-Snail*<sup>®</sup>-VC-S offers an inexpensive method to monitor any AC electrical load.

This product is ideal as an AC load sensor for Control and Energy Management applications.

The built-in CT and self powered feature combine to make an easy to install, robust and accurate solution.



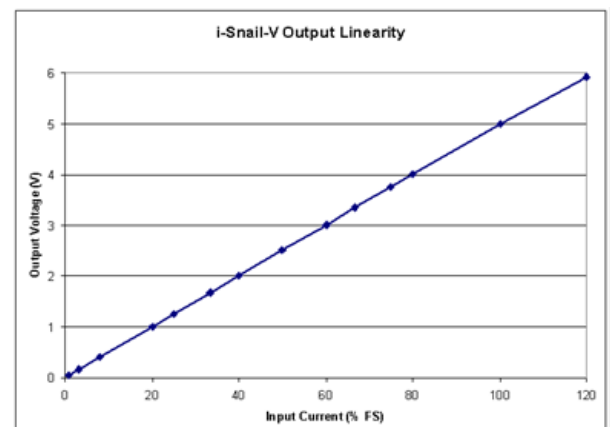
### PRODUCT DESCRIPTION:

The *i-Snail*<sup>®</sup>-VC-S is a split-core, self powered AC current transducer that provides a 0-5V dc analog signal proportional to the AC current flowing through the device wire window (sine wave RMS calibrated). This product is functionally identical to the *i-Snail*-V and VC, but features a split core design to facilitate easy installation.

The *i-Snail*<sup>®</sup>-VC-S is ideal for load monitoring without the need for an external power supply. Factory calibrated, fixed ranges ensure superior accuracy and eliminate configuration and adjustments in the field, saving time and avoiding confusion. Color coded labels allow for easy identification of full scale range.

The 16mm (0.629") wire window accommodates a conductor up to 2/0. Multiple turns of the primary wire may be used to alter the input range. Output voltage is clamped at 6.5V, and the unit delivers a linear output up to 120% overload (6V).

<b>Power</b>	Self powered by line current
<b>CT Wire Window</b>	16mm (0.629")
<b>Ranges</b>	Fixed 10A, 25A, 50A or 100A
<b>Output</b>	0-5 VDC, proportional to RMS input current (sine wave). Clamped at approx 6.5V Linear to 120% overload (continuous) 200A overload (temporary)
<b>Accuracy</b>	Better than 0.5% of full scale Ripple less than 0.1% of output
<b>Dimensions</b>	57.7 x 38.2 x 82.0 mm (2.272" x 1.504" x 3.228")
<b>Dielectric withstand</b>	2.5 kVRMS for 1 minute



Linear, Proportional 0-5Vdc

### ORDERING DETAILS:

Part Number	Full Scale Current
<b>i-Snail-VC-S-10</b>	<b>10A</b>
<b>i-Snail-VC-S-25</b>	<b>25A</b>
<b>i-Snail-VC-S-50</b>	<b>50A</b>
<b>i-Snail-VC-S-100</b>	<b>100A</b>