

# TruSense

## Input Module

# V-2-TS



The TruSense Input modules are an I2C based module with memory and the interface to the sensors. When an Input module is connected to a TruSense logger the logger reads the Input Module's memory and this gives the logger all the information on the sensors that may be attached to the module.

The V-2-TS module has two voltage (V) inputs with a common ground. A switched 2.8 to 3.6V supply pin is also provided to power up low power circuits

## Specifications

### Size

Dimensions Contained within the connector

### Environment

Protection Ip65,  
Operating Temp. -10°C to 70°C  
Storage temp. -20°C to 75°C

### Millivolt input

Device ADS1115 16bit A/D converter  
Reference ADS1115 internal 2.048V 5ppm/°C  
Resolution 0.001V  
Accuracy tolerance  $\pm 0.001\text{mV}$   
Operating Range 0 to 2.048V

### Power out

Voltage 2.8 to 3.6Volts  
Duration 150milliseconds

### Pin out

switch voltage Red  
Channel 1 Yellow  
Channel 2 Blue  
Ground Green

The cable is not screened.