

TruSense

Input Module

mV-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 mV-2-TS module has two millivolt (mV) 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 0.1mV
Accuracy tolerance ±0.1mV
Operating Range 0 to 256mV

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.