

TruSense

Input Module

THP-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 THP-TS module has Temperature, Humidity and Barometric pressure sensors permanently connected to the module. This module is normally supplied with a self aspirating radiation shield for outdoor use.

Specifications

Size

Dimensions	160x110x170mm
Weight	?
Material	ABS shield, stainless mounting

Environment

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

Temperature

Device	SHT21
Resolution	0.1°C
Accuracy tolerance	±0.3°C
Operating Range	-20°C to 100°C

Humidity

Device	SHT21
Resolution	0.1%RH
Accuracy tolerance	±2%RH typical
Operating Range	0 to 100%RH

Pressure

Device	HP203B
Resolution	1hPa(mBar)
Accuracy tolerance	±1.5hPa (0°C to 50°C) ±3hPa (-20°C to 70°C)
Operating Range	700hPa to 1100hPa