

TruSense

Input Module

pH-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 pH-TS module has a pH Sensor attached with 3 meters of cable. This displays in calibrated pH on the dashboard but in uncalibrated pH on the logger. The user needs to insert the calibration value into the dashboard when required.



Specifications

Size

Dimensions 190mm long 30mm dia sensor only

Environment

Protection IP67, indoor/outdoor.

pH Sensor

Sensor:	S272CDTC (Sensorex)
Range:	0 - 14 pH (temperature compensated)
Resolution	0.1 pH
Materials:	Ryton® Polyphenylene Sulfide (PPS)
Operating Range	0-100°C (32-212°F)
Pressure:	0-100 PSIG (0-7.5 bar)
Time recalibration	~1 Year
Life expectancy	~4 Years +
Maintenance	N/A
Refillable	No

This Industrial pH Probe can be fully submerged in fresh water or salt water, up to the connector indefinitely.

<http://www.trusense.io/SpecsS272Series.pdf>