A white pipe with a black pipe

Description automatically generated with medium confidence**PTSA Sensor**

AlpHa’s PTSA fluorometer sensor is configured with specialized optic components to measure PTSA fluorescence selectively and accurately in water. It is available in multiple body materials and tee sizes for diverse operating environments.

Our PTSA sensor utilizes an advanced, patent pending optic design to achieve superior accuracy and response, even in highly turbid water conditions. AlpHa’s PTSA sensor has a built-in temperature sensor and the temperature effect is automatically compensated by the sophisticated algorithms in the firmware.

AlpHa’s PTSA sensor design allows for a non-specific process orientation, no longer requiring a specific orientation of the sensor head in relation to flow.

# Specifications Summary:



# Features:

* Sensor designed to enable quick integration into 1” and 3/4” FNPT tee fittings
* Adapters available for direct installation with all existing 1” and 3/4” PTSA tee fittings
* Sensing element “faces” downward enabling easy installation without orientation requirements
* No flow restrictions enabling obstruction free detection
* Patent pending fluorometer optical technology to prevent turbidity interference
* Custom options include body material, flange, cable length, connectors, and signal output
* Private labeling option available

**Dimensions**

**A drawing of a pipe

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**Part Number Guide**

