

Pitot Tube for Gas Detector - Description

The Pitot Tube is a differential pressure producer suitable for air flow measurement.

It includes multiple sensing points to measure total and static pressures.

It is easy to install and cost effective.

It offers simple, low cost installation into pipes and ducts, and high energy savings due to its low unrecovered pressure loss.

There are no moving parts or sharp edges to wear, so long term accuracy can be maintained. It contains a rubber cap, plastic base and two 1 meter lengths air tube.



Pitot Extrusion



Air Tube



Plastic Base



Rubber Cap



Screws

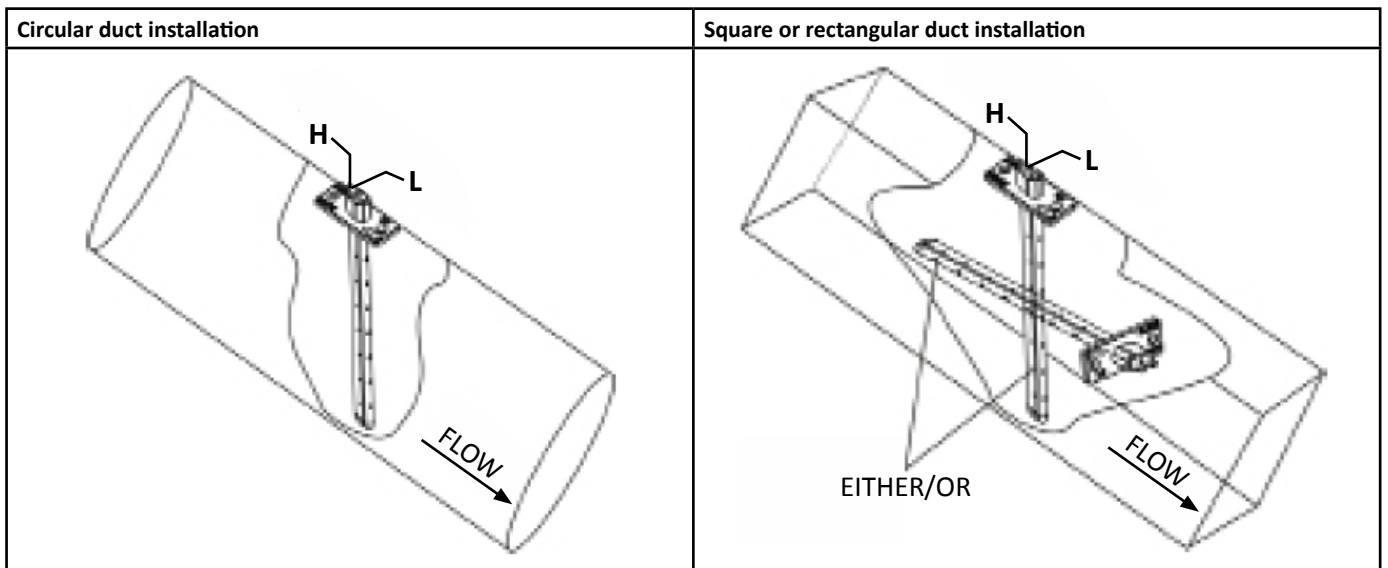
Specifications

Probe	Material	Aluminium alloy
	Dimensions	7.8 x 19.5mm (0.3" x 0.8")
	Tubing, inner diameter	3.8mm
Rubber Cap	Material	Rubber
	Connections	To fit 4mm (0.16") i/d PVC air tubing
Duct Flange	Material	ABS
	Dimensions	30 x 75mm (1/2" x 3")
Air Tube	Material	PU
	Dimensions Inner/Outer diameter	4 x 6mm
	Length	1m

Features

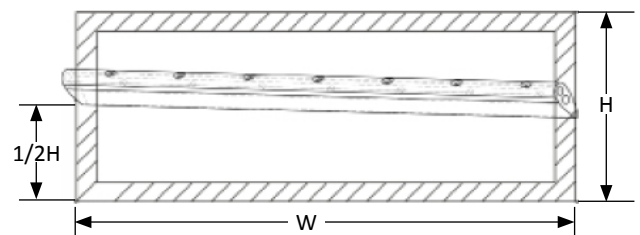
- Air Flow Measurement
- Low Installation Costs
- Long Term Accuracy
- Minimal Unrecovered Pressure Loss
- Mass Flow Measurement

Duct orientation and detector mounting



Instructions for installation

1. The primary station can be installed in any position on vertical or horizontal lines. However consideration to easy access of instrument connections should be given.
2. See location instructions for best results.
3. Drill a 1-7/8" hole in the center of the duct or pipe where the sensor is to be installed. Drill a 1/2" hole on the opposite side for the double support.
4. Attach opposite end-guide rod and pass through both holes. Ensure correct direction of flow. Secure mounting plate to duct or pipe with (2) self-tapping screws.



Preferred Mounting

