



Pitot Tubes

Differential, Static, Velocity

ACI carries a full line of differential, static, and velocity pitot tubes. The PT is designed to sense the differential inlet pressure in the inlet section of VAV and Fan Terminal Boxes. They can also be used to measure the differential pressure at any other location in the main or branch duct systems. The SPT and VPT are aluminum pitot tubes that may be used to measure the static or velocity pressure in ducts. The SPT has a 4" long insertion length and can be used to measure the static pressure in the duct. The VPT has a 4" insertion length and a pointed tube that can be used to measure the velocity pressure when mounted facing into the air stream.

The PT, SPT, & VPT Series are covered by ACI's Two (2) Year Limited Warranty. The warranty can be found in the front of ACI's Sensors & Transmitters catalog, as well as on ACI's web site, www.workaci.com.



Specifications

Connections	PT 1/4" Nipples for 3/8" OD. Tubing	SPT, VPT 1/8" to 1/4" I.D. Tubing	
Operating Temperature Range	40°F to 120°F (4°C to 49°C)		
Sensing Lengths & Sensing Points	3" (one set)	5.2" (two sets)	7.5" (three sets) 9.7" (Four sets)
Mounting Material (Integral Flange with Gasket)	PT: (ABS/Polycarbonate) (UL94-5V)	VPT: (Aluminum)	SPT: (Aluminum)
Recommended Air Flow	PT = 200 fpm minimum		
Product Dimensions (PT 3")	(L) 3.00" (W) 3.50" (H) 1.25"		
Product Dimensions (PT 5.2")	(L) 5.20" (W) 3.50" (H) 1.25"		
Product Dimensions (PT 7.5")	(L) 7.50" (W) 3.50" (H) 1.25"		
Product Dimensions (PT 9.7")	(L) 9.70" (W) 3.50" (H) 1.25"		
Product Dimensions (SPT 3.5")	(L) 3.50" (W) 1.50" (H) 1.50"		
Product Dimensions (SPT 8")	(L) 8.00" (W) 1.50" (H) 1.50"		
Product Dimensions (VPT)	(L) 4.00" (W) 1.50" (H) 1.50"		

Ordering

Select one Pitot Tube (A).

A Pitot Tube

- PT 3"** (ABS/Polycarbonate) **PT 9.7"** (ABS/Polycarbonate) **VPT** (Velocity) (Aluminum)
- PT 5.2"** (ABS/Polycarbonate) **SPT 3.5"** (Static) (Aluminum)
- PT 7.5"** (ABS/Polycarbonate) **SPT 8"** (Static) (Aluminum)

Build your part number

After completing (A) from the above table, fill in the Part Number Table below. An example part number is offered.

A

EXAMPLE: PT 7.5"