



**PRODUCT INSTRUCTIONS FOR:  
PART NUMBER TOC-PITOT-8MM  
PITOT SAMPLER**

Pitot sample assemblies can be added to both safe area and ATEX detectors. The assembly generates a small sample flow across a detector when a constant air flow is present. Typically the assembly is used to monitor the air flow in duct work of various types. It is important to follow these instructions when fitting otherwise correct operation can be compromised.



Image shows a Pitot tube assembly connected to a Tocsin 102 Series detector. Follow JB3 Manual for correct ATEX installation.

Ensure the connected 102 series detector is mounted vertically (sensor face, facing down)

Locking ring and adaptor fit using the accessory thread on the 102 series detector. Be careful not to over tighten

The assembly is shipped with 400mm lengths of clear Tygon tubing, this can be shortened but NOT extended

Ensure tubing runs UP to the detector, this ensures if there is any condensation this does not accumulate into the detector

Pitot tube samplers will operate best in straight sections of duct work. When installing try and place away from bends and ensure the probe tube is inserted either close to the centerline or by using a manometer and checking for the point of maximum pressure differential.

Minimum practical airflow: 3M/s

## Installation Details

