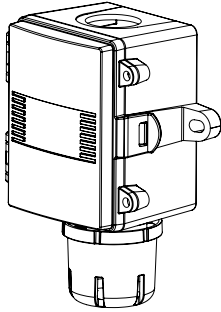


Outside Air Static Pressure Port

Installation Instructions



INTRODUCTION

The Outside Air Static Pressure Port is used to measure the atmospheric pressure outside of a building. This pressure can be used as a reference when measuring the building static pressure, which is simply the pressure difference between the inside and outside of the building and is typically less than 0.1" W.C.

MOUNTING

The Outside Air Static Pressure Port is used in conjunction with a differential pressure transmitter. Connect the transmitter low pressure port to the probe and the transmitter high pressure port to a suitable pickup within the building to effectively measure the differential pressure between the inside and outside of the building.

The probe will provide an accurate outdoor static pressure to the transmitter by significantly reducing the dynamic effects of the wind action. An internal brass filter in the pickup further reduces the pressure dynamics and prevents blockages due to insects, pollen, and moisture.

The probe can be conveniently mounted directly on the side of the side of the building using two screws. The tube is connected to the barbed fitting inside the enclosure. Ensure the assembly is mounted such that the horizontal tube is parallel with the ground.

SPECIFICATIONS

- Hose Fitting Barbed fitting, min 3/16" ID tubing
- Ambient Operating Range.....-40 to 50°C (-40 to 122°F), 5 to 95 %RH non-condensing
- Enclosure Polycarbonate, UL94-V0, IP65 (NEMA 4X)
- Wire Access Hole.....Rear Entry or Top entry hole for conduit or cable gland. 21.83mm (0.859") diameter
- Country of Origin.....Canada

DIMENSIONS

