

#24481 – 10/1/17

Overview

The Low Profile Pressure Pickup Port (Part # NSB-ZPS-ACC20) is ideal for locations where aesthetics are as important as the pressure measurement. The inconspicuous sensor mounts easily by pushing through a 7/16" hole and secured with an adhesive ring. The only visible portion is a flush 7/8" dot on the wall. The built-in surge damper provides five-micron filtering and smoothes out rapid variations in air pressure for a more stable reading.

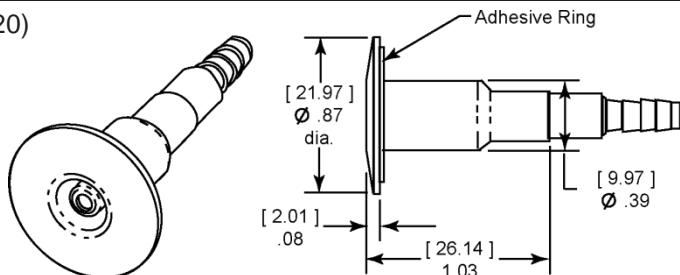


Figure 1: Low Profile Pressure Pickup Port

Mounting

1. Select a location with a flat surface on an interior wall or ceiling.
2. Drill a 7/16" hole where you want the pressure port mounted. Pull the pneumatic tubing through the hole and push the pressure port into the tubing until all the barbs are covered (Figures 2 and 3).
3. Test the attached pressure transmitter at the controller to be sure of your connections and pressure port operation before completing the installation. Once installed, the pressure port is difficult to remove and may damage the wall.
4. Clean the wall surface from any dust or filings to make a clean mounting surface.
5. Remove the mounting tape release sheet from the back of the sensor rim and push the pressure port firmly into the 7/16" hole until the adhesive ring adheres securely to the wall. Make sure the pneumatic tubing does not kink.
6. Remove protective cap from pressure port (Figure 4).

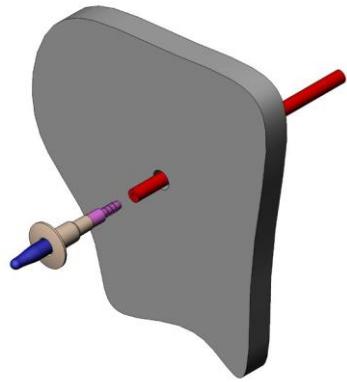


Figure 2: Tubing through wall

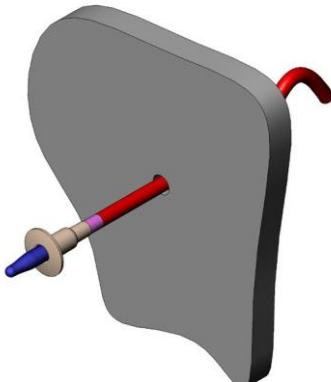


Figure 3: Push Pressure Port on Tubing

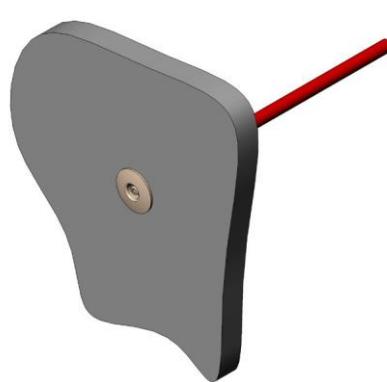


Figure 4: Push Pressure Port onto Wall and Remove Blue Cap

NOTE The unit can be painted, but care should be taken not to fill the cavity with excess paint. The unit should not be covered with any material such as wall paper. Protective cap must be removed to read pressure.

Specifications

| | | | |
|----------------------|--|-----------------|--|
| Mounting | 7/16" hole, push in plastic sheath with an adhesive ring | Material | Plastic, UL94V-0 |
| Configuration | Round Flush Sensor Sheath | Filter | 5 Micron |
| Dimensions | | Ambient | 0 to 100% RH, Non-condensing -40°F to 185°F, (-40° to 85°C) |
| Insertion | 1.74" depth (44.2mm), into a 0.438" hole | | |
| Sleeve | 0.375" (9.53mm) Diameter | | |
| Bezel | 0.88" (22.2mm) Diameter | | |

Specifications subject to change without notice.