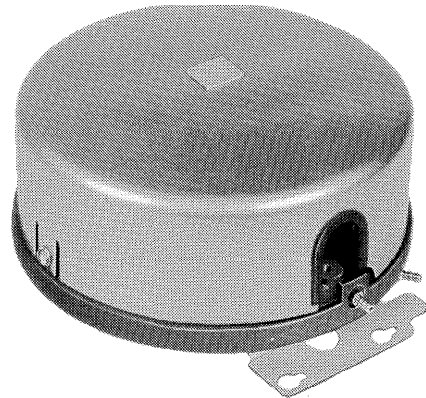


## PP904B1017 Differential Pressure Transmitter



R3231

### GENERAL

The PP904B 1017 Differential Pressure Transmitter provides a precise pneumatic signal to a receiver/controller to control duct air velocity pressures in airflow applications.

### FEATURES

- Adjustable zero offset and span
- Precise calibration
- Sharp barb, push-on connections for air and sensing lines
- Insensitive to normal sensing line lengths
- Three-diaphragm design minimizes calibration shift with static pressure changes
- Not sensitive to normal supply air pressure variations

# PP904B1017 Differential Pressure Transmitter

## DESCRIPTION

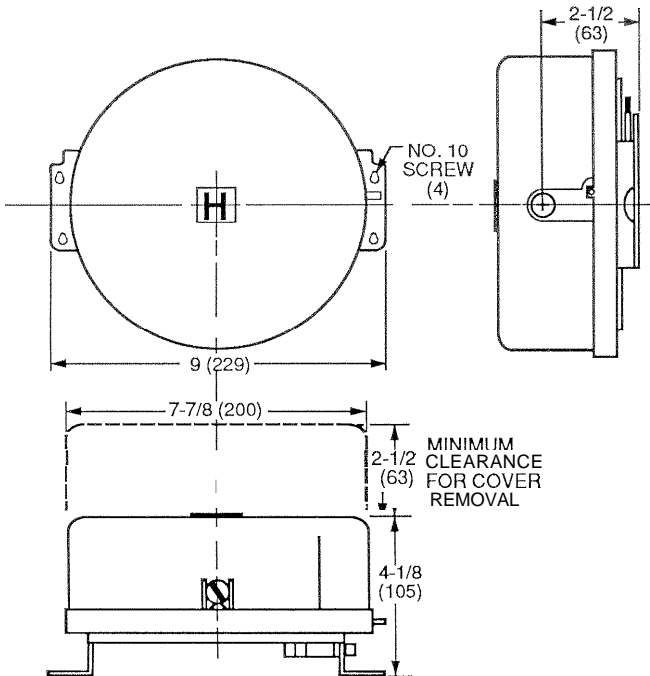
The PP904B1017 Differential Pressure Transmitter provides a precise pneumatic signal to a receiver/controller to control duct air velocity pressures in airflow applications.

## SPECIFICATIONS

**Model:**  
PP904B1017

**Action:**  
One pipe, direct or reverse acting

**Dimensions In Inches (Millimeters):**



**Zero Adjustment:**  
0.00 to  $\pm 8.0$  in. wc (0.00 to  $\pm 2$  kPa)

**Span Adjustment:**  
0.06 to 1.0 in. wc (0.015 to 0.25 kPa)

**Sensing Lines:**  
Contain sensing air only (no bleed air to offset signal)

**Air Consumption:**  
0.021 scfm (9.4 ml/s) with external 0.007-in. restriction

**Output Pressure:**  
3 to 15 psi (21 to 103 kPa) over span

**Main Air Pressure:**  
 $20 \pm 2$  psi ( $138 \pm 14$  kPa)

**Minimum Safe Air Pressure:**  
25 psi (175 kPa)

**Safe Sensing Pressure:**  
28 in. wc (7 kPa)

**Ambient Temperature:**  
40 to 120F (5 to 50C)

**Air Connections:**  
Sharp barb push-on type for 1/4-in. (6-mm) O.D. tubing

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