

# Pressure Transducer Data Sheet

## PT-30ABS, PT-60ABS, PT-30ALT, PT-05DIFF

### 👉 Important Safety Information - Must Read 👈

**Description:** These Pressure Transducers (PT) monitor absolute and differential pressures.

**Important:** It is **recommended** that the PT be mounted in the cabin area. The media to be measured must be a gas (air), not a liquid. Over time a liquid **can damage the measuring membrane**. Couple the PT to the aircraft by a suitable FAA-approved hose. See the installation manual for details.

**Warning:** To prevent damage to the PTs and to uphold the manufacturer's warranty, it is imperative to:

- NEVER apply shop air to lines leading to the PT to prevent potential damage.
- PROTECT the PT from contact with solvents or any other chemical substances, etc.
- NOT install the PT in a location where it may be subjected to pressure washing or comparable hazardous conditions, etc.

**Note:** Do Not exceed the Proof Pressure amounts listed below as this will damage the Pressure Transducer.

SPECIFICATIONS		
Product	Operating Range	Proof Pressure
PT-30ABS + PT-30ALT	0 - 17 PSI (35"Hg)	60 PSI (122"Hg)
PT-60ABS	0 - 30 PSI (61"Hg)	90 PSI (183"Hg)
PT-05DIFF	0 - 5 PSI (10"Hg)	10 PSI (20"Hg)

**Note:** Do not release the aircraft for normal operation until an appropriate leak test on the pressure and vacuum systems has been performed.

**Note:** Some aircraft incorporate a very small hole in a fitting in the manifold pressure line to keep fuel from working its way up to the manifold pressure transducer (or gauge) through capillary action. This very small hole does not leak fast enough to affect the manifold pressure readings but it will protect the manifold pressure transducer (or gauge). A very small hole, such as this, is recommended for non-turbocharged engines.



Red (+5v) >  
Blk (GND) >  
Grn (Sig+) >  
Wht (Sig-) >

**PT-30ABS, 60ABS:**

Offset: \_\_\_\_\_

**PT-30ALT:**

Gain: \_\_\_\_\_



Red (+5v) >  
Blk (GND) >  
Grn (Sig+) >  
Wht (Sig-) >

**PT-05DIFF:**

Offset for Vac: \_\_\_\_\_

Offset for Airspeed: \_\_\_\_\_

Gain: \_\_\_\_\_