

Duct/panel mount probe Universal Pressure Sensor

5", 10", and 25" versions with four selectable sub-ranges
1250, 2500, 6250 Pa versions with four selectable sub-ranges
LCD display and LED indicator
Dual 0-5/10VDC and 4-20mA outputs



DESCRIPTION

The P5 universal dry media pressure transmitter accurately measures multiple ranges optimized for building (zone) pressure, filter measurement, and static duct applications. Selectable outputs and uni/bi directional readings reduce inventory. Innovative static probe integrates with unit or can be mounted remotely for static pressure. Optional LCD for panel mount readings and set up.

APPLICATIONS

- Building (zone) pressure
- Filter condition measurement
- Duct/static

FEATURES

Reduce inventory and ordering errors with universal unit

- Selectable 4-20 mA loop powered, 4-20 mA 3-wire, 0-5VDC, 0-10VDC for compatibility
- Zero calibration push button and remote contact input
- Designed for duct, filter, and remote probe applications in a single universal unit
- Probe is compatible with both 1/8" and 1/4" ID hose

Time & money saving installation for contractors and OEMs

- Non-position sensitive for easy placement
- Dual DIN mount: Side mount for high density OEM applications, flat panel mount for LCD viewable panel mount.
- Conduit ready for for 3/8" flex connectors
- Post mountable with mounting tab indents and wire ties

LED visual status indications of operation

- LED: Power heartbeat, momentary rapid flash = auto-zero complete, continual rapid flash = 110% over pressure
- LED facilitates locating sensor in ductwork



Versatile probe for duct or remote mount included. Save on probe expense.



Integrated high density mount or flat mount saves valuable panel space.

ORDERING

Universal Pressure w/probe P5 -

Pressure Range

- 0500 = 0-5" (0.1, 0.25, 2.5, 5.0"WC)
- 1000 = 0-10" (1.0, 2.5, 5.0, 10"WC)
- 2500 = 0-25" (5.0, 10, 15, 25"WC)
- 1250Pa = 0-1250 Pa (25, 50, 625, 1250 Pa)
- 2500Pa = 0-2500 Pa (250, 625, 1250, 2500 Pa)
- 6250Pa = 0-6250 Pa (250, 2500, 3750, 6250 Pa)

Example part number P5-0500 is universal pressure sensor, 0-5" full scale range (selectable sub-ranges). Includes one probe, RP-6.

Additional Remote probe

RP-6 Remote/duct probe, 6"

- RP-6 remote probe with integrated dampener for accurate measurements.
- Accepts both 1/8" and 1/4" tubing.
- Note: One probe is standard with product



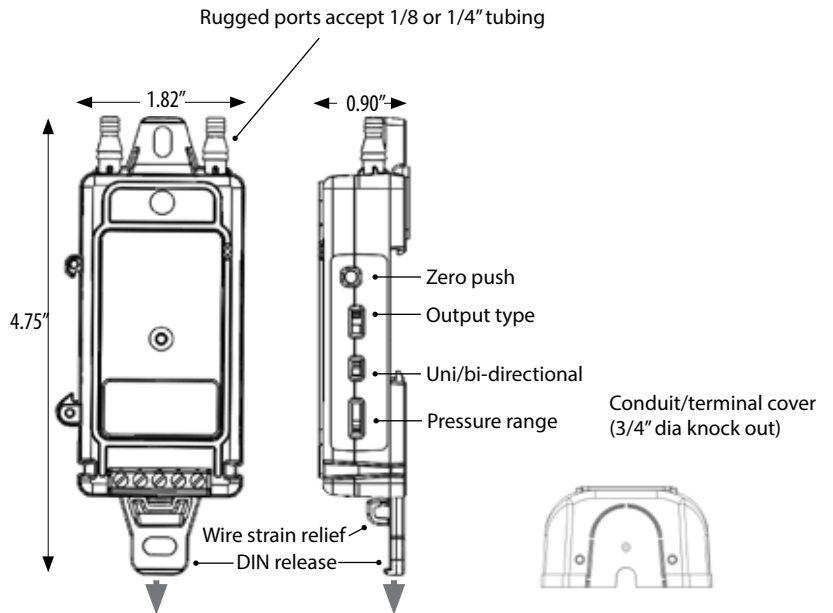
Conduit ready...no additional parts to buy



SPECIFICATIONS

Power Supply	12-30VDC/24VAC(1), 30mA max	
Output type	Selectable outputs	4-20mA loop powered, 4-20 mA 3-wire, 0-5VDC, 0-10VDC
Output scaling	P5-0500	0-5" (Selectable 0.1, 0.25, 2.5, 5.0"WC)
	P5-1000	0-10" (selectable 1.0, 2.5, 5.0, 10"WC)
	P5-2500	0-25" (selectable 5.0, 10, 15, 25"WC)
	P5-1250Pa	0-1250 Pa (selectable 25, 50, 625, 1250 Pa)
	P5-2500Pa	0-2500 Pa (selectable 250, 625, 1250, 2500 Pa)
Operating Temperature	Operating range	-4 to 185F (-20 to 85C)
	Compensated range	32 to 122F (0 to 50C)
Media compatibility	Dry, oil-free air, N2	
Sensor Type	MEMS silicon piezoresistive; precision calibrated	
Sensor Performance	Accuracy	+/- 1.0% of selected range (combined linearity and hysteresis)
	Zero Drift (1 year)	1% max
	Auto-zero input	Push-button and contact closure

(1) One side of transformer secondary is connected to signal common. Dedicated transformer is recommended.



TYPICAL WIRING

