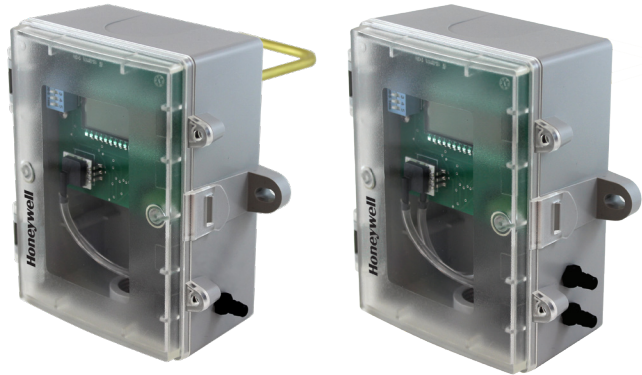


HLP Series of Low Pressure Transmitter



The HLP is used to measure positive, negative or differential pressure. The piezoresistive sensor is ideal for monitoring the pressure of air or other clean inert gas. Typical HVAC applications include monitoring of filter differential pressure or VAV applications. An integrated static pressure probe provides ease of installation for duct mounting. Several accessories are available. A weatherproof polycarbonate enclosure is provided for electrical connections and ease of installation.

APPLICATIONS

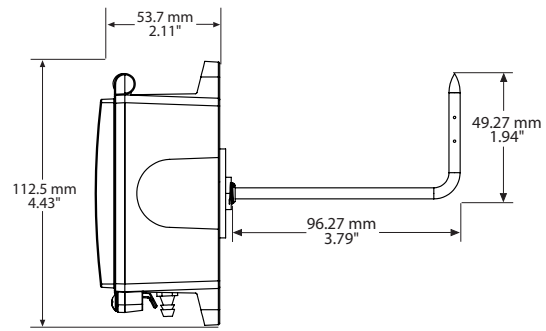
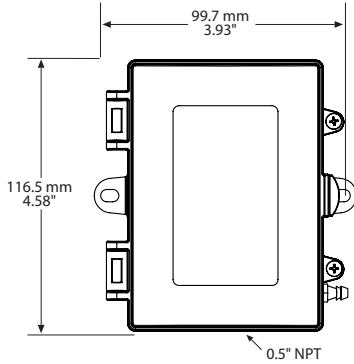
The HLP low pressure transmitter is designed for use with electronic controllers in domestic or commercial heating and cooling systems.

SPECIFICATIONS

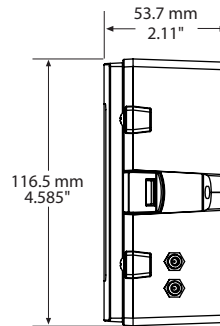
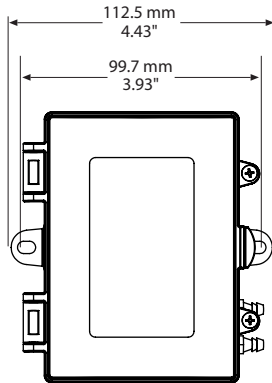
Accuracy:.....	±1% F.S.O.	Pressure Connection:.....	Barbed ports for 5 mm (0.170" ID) flexible tubing
Measurement Type:.....	Differential (HLPX-two port, HLPS-single port) Static, Velocity, & Total Pressure	Conduit Connection:.....	1/2" NPT conduit or cable gland
Response Time:.....	250 ms	Display:.....	3½ digit LCD, 0.4" digit height
Stability:.....	< ±1% F.S.O. per year	Enclosures:.....	Polycarbonate UL94-V0, IP65 (NEMA 4X) F style includes thread adapter (1/2" NPT to M16) and cable gland fitting
Thermal Effects:.....	< ±3% over compensated range	Country of Origin:.....	Canada
Compensated Range:.....	0 to 50°C (32 to 122°F)		
Proof Pressure:.....	40" W.C. (100" for 10" & 20" Models)		
Burst Pressure:.....	60" W.C. (200" for 10" & 20" Models)		
Operating Conditions:.....	0 to 70°C (32 to 158°F), 10 to 90 %RH, non-condensing		
Power Supply:.....	20 - 28 Vac/dc (non-isolated half-wave rectified)		
Supply Current:.....	Current: 20 mA maximum Voltage: < 4 mA		
Input Voltage Effect:.....	Negligible over specified operating range		
Protection Circuitry:.....	Reverse voltage protected and output limited		
Output Signal:.....	4-20 mA (2-wire), 0-5 or 0-10 Vdc (3-wire), switch selectable		
Output Drive Capabilities:.....	Current: 400 ohms max @ 24 Vdc Voltage: 10K ohms minimum		
Zero Adjustments:.....	Pushbutton auto-zero		
Wiring Connections:.....	Screw terminal block (14 to 22 AWG)		

HLP Series of Low Pressure Transmitter

Static Probe



Surface



RoHS
COMPLIANT



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Sydney NSW 2113
+612-9353-7000

www.honeywell.com

ORDERING

MODEL	Product Description
HLP	Low Pressure Transmitter

CODE	Enclosure
B	Polycarbonate, with hinged & gasketed cover
F	Same as B, with thread adapter & cable gland fitting

CODE	Output
00	±4", ±2", ±1", 0-4", 0-2", 0-1" wc
01	±8", ±5", ±3", 0-8", 0-5", 0-3" wc
02	±12", ±10", ±6", 0-12", 0-10", 0-6" wc
03	±20", ±15", ±10", 0-20", 0-15", 0-10" wc
04	±1000 Pa, ±500 Pa, ±250 Pa, 0-1000 Pa, 0-500 Pa, 0-250 Pa
05	±2000 Pa, ±1000 Pa, ±500 Pa, 0-2000 Pa, 0-1000 Pa, 0-500 Pa

CODE	Probe
X	No Probe
S	Static Probe

HLP	B	00	X
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Printed on recycled paper containing 15% post-consumer waste.



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