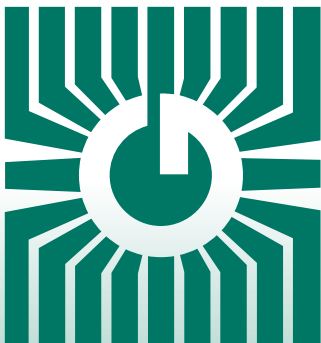


GREYSTONE ENERGY SYSTEMS INC



HIGH ACCURACY LOW PRESSURE TRANSDUCERS HALP Series



Precision pressure transducer

FEATURES:

- Jumper selectable 2 wire current and 3 wire voltage outputs
- 24 Vac/dc power supply
- Six variable jumper selectable pressure ranges, W.C.
- Hinged Polycarbonate weatherproof enclosure

*Peace of mind
through reliable
temperature monitoring*

GREYSTONE HAS AN ISO 9001 REGISTERED QUALITY SYSTEM

SPECIFICATIONS:

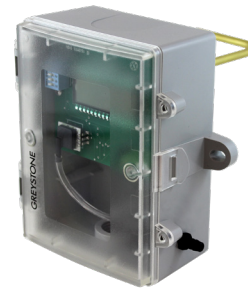
Accuracy.....	±0.5% F.S.O.
Measurement Type.....	Differential (two port), Static, Velocity, & Total Pressure
Response Time.....	250 ms
Stability.....	< ±0.5% F.S.O. per year
Thermal Effects.....	< ±3% over compensated range
Compensated Range.....	0 - 50° C (32 - 122°F)
Proof Pressure.....	40" W.C. (100" for 10" & 20" Models)
Burst Pressure.....	60" W.C. (200" for 10" & 20" Models)
Operating Conditions.....	0 - 70°C (32 - 158°F), 10 - 90 %RH, non-condensing
Power Supply.....	20 - 28 Vac/dc (non-isolated half-wave rectified)
Supply Current.....	Current: 20 mA max Voltage: < 4 mA min
Input Voltage Effect.....	Negligible over 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 min
Zero Adjustments.....	Pushbutton auto-zero
Wiring Connections.....	Screw terminal block (14 to 22 AWG)
Pressure Connection.....	Barbed ports for 5 mm (0.170" ID) flexible tubing
Conduit Connection.....	½" NPT conduit or cable gland
Optional Display.....	3½ digit LCD, 0.4" digit height
Enclosures.....	Polycarbonate UL94-V0, IP65 (NEMA 4X)
Approvals.....	CE, RoHS
Country of Origin.....	Canada

HALP - HIGH ACCURACY LOW PRESSURE TRANSDUCER CONFIGURATIONS

FEATURES:

The High Accuracy Low Pressure Transducer can be used to measure positive, negative or differential pressure in the ranges of 1"wc to 20"wc. The highly accurate piezoresistive sensor is ideal for monitoring pressure of non-corrosive, non-ionic working fluids such as clean dry air or other inert gases. It features field selectable pressure ranges and output signal types for the most flexible application. Typical HVAC applications include monitoring of filter differential pressure or clean room pressure. The output signal is factory calibrated and temperature compensated for highest startup accuracy and trouble-free operation.



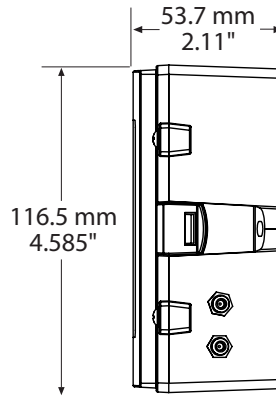
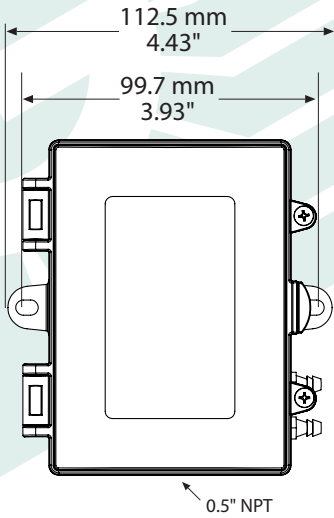
PRODUCT SELECTION INFORMATION:

MODEL	Product Description														
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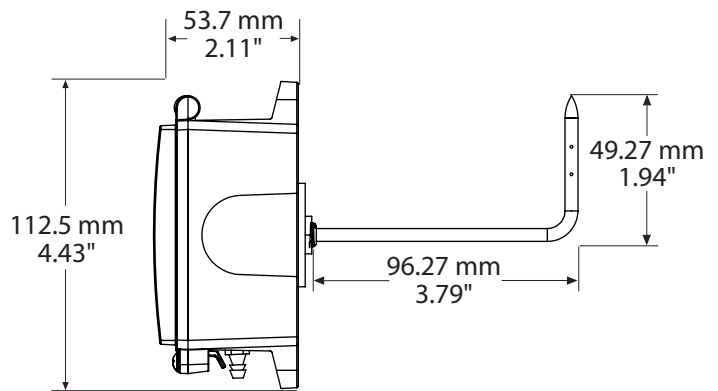
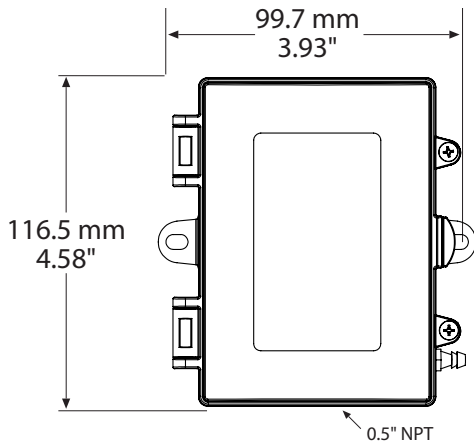
Greystone Energy Systems, Inc. reserves the right to make design modifications without prior notice.

DIMENSIONS:

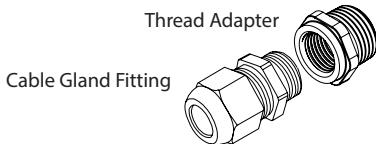
LPX



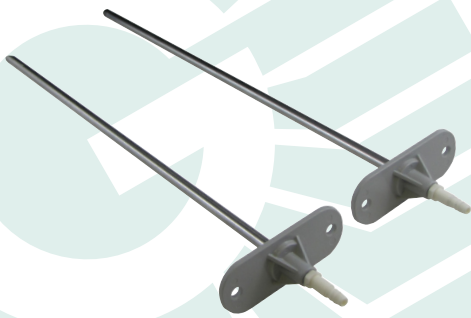
LPS



Included with F style enclosure



ACCESSORIES:



FPP & SPP Series Pitot Tube

The FPP and SPP series are used to sense velocity pressure or static pressure respectively. Constructed of 304 series stainless steel probes with an ABS mounting bracket, they are available in 150 mm (6") or 300 mm (12") lengths. Kits are available for differential and static that are complete with pneumatic tubing.



DPFS Series Differential Pressure Probe

The DPFS series Averaging Flow Sensor is ideal for sensing differential pressure in the inlet section of variable air volume terminal units and fan terminal units. Units can also be used to sense differential pressure at other locations on the main or branch duct systems. They are made of ABS/polycarbonate (UL94-5V) and available in lengths from 100 mm (4") to 560 mm (22").



MP Series Differential Pressure Probes

The MP series Air Velocity Pitot Tubes are used in conjunction with a DP transmitter to calculate airflow in larger ducts or in areas of turbulent airflow. The units come in pairs in either ABS or 316 S/S and are available in various lengths from 610 mm (24") to 2000 mm (80"). Gasketed mounting collars for both probes are included.



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RoHS
COMPLIANT



Greystone Energy Systems Inc. is one of North America's largest ISO registered manufacturers of HVAC/R sensors and transmitters for Building Automation Management Systems.

We have conscientiously established a worldwide reputation as an industry leader by maintaining leading-edge design technology, prompt technical support, and a commitment to on-time deliveries. We take pride in our Quality Management System which is ISO 9001 certified, assuring our customers of consistent product reliability.

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