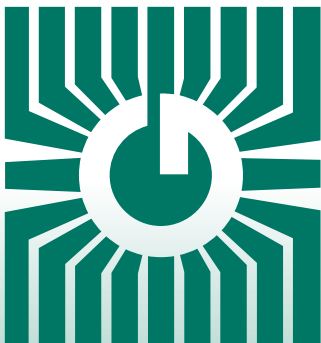


# GREYSTONE ENERGY SYSTEMS INC



## HIGH ACCURACY DIFFERENTIAL PRESSURE TRANSMITTER HADP Series



### Precision pressure transmitter

#### FEATURES:

- FT-6 or Armoured cable available in different lengths
- Switch selectable uni or bi-directional
- XXXXXX
- Hinged Polycarbonate weatherproof enclosure

*Peace of mind  
through reliable  
temperature monitoring*

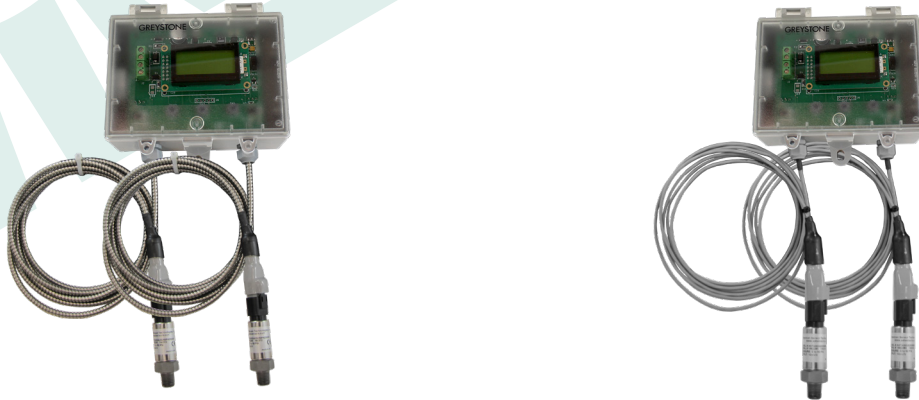
GREYSTONE HAS AN ISO 9001 REGISTERED QUALITY SYSTEM

# HADP - HIGH ACCURACY DIFFERENTIAL PRESSURE TRANSMITTER

## FEATURES:

The high accuracy differential pressure transmitter is designed with dual remote sensors that enable it to accept high pressure in ranges up to 500 PSI. All models are rated for overload pressure 2X the maximum fully scale range and burst pressure is 5X the maximum full scale range.

Features include field selectable pressure ranges and output signal types, output reversal and slow damping, port swapping and bidirectional measurements for the most flexible applications. The output signal is factory calibrated and temperature compensated for the highest start-up accuracy.



## SPECIFICATIONS

Power Supply	24 Vac/dc $\pm$ 10% (non-isolated half-wave rectified)
Consumption	75 mA max @ 24 Vdc
Output Signal	3-wire transmitter; 4-20 mA (sourcing), 0-5/0-10 Vdc
Output Drive	<b>Current:</b> 500 ohms max <b>Voltage:</b> 10K ohms min
Protection Circuitry	Reverse voltage protected, transient protected
LCD	35 x 15 mm (1.4 x 0.6"), 2-line x 8-character
Accuracy	$\pm$ 0.5% F.S. of selected range (Range 4 = 1%)
Stability	$\pm$ 0.25% F.S. typical (1 year)
Pressure Ranges	4 per model (menu selectable)
Line Pressure	Maximum line pressure is the highest of the selectable ranges on each model
Media Compatibility	17-4 PH stainless steel
Proof Pressure	2X highest range per model
Burst Pressure	5X highest range per model
Pressure Cycles	> 100 million
Surge Damping	<b>Normal:</b> 4 second averaging <b>Slow:</b> 8 second averaging (switch selectable)
Zero Adjust	Push-button auto-zero and digital input
Sensor Operating Range	-40 to 85°C (-40 to 185°F)
Operating Environment	0 to 50°C (32 to 122°F), 10-90 %RH non-condensing
Pressure Connection	1/4" NPT male
Remote Sensor Rating	IP 66 (Housing Only)
Remote Sensor Cable	S = FT-6 plenum rated A = Armored Flexible S/S
Wiring Connection	14-22 AWG screw terminal block
Enclosure	Polycarbonate, UL94-V0, IP65 (NEMA 4X) F style includes thread adapter (1/2" NPT to M16) and cable gland fitting
Dimensions	112.5 W x 116.5 H x 53.7 D mm (4.43" x 4.59" x 2.11")
Weight	750g (26.5 oz) - Including remote cables and sensors
Country of Origin	Canada

## APPLICATIONS:

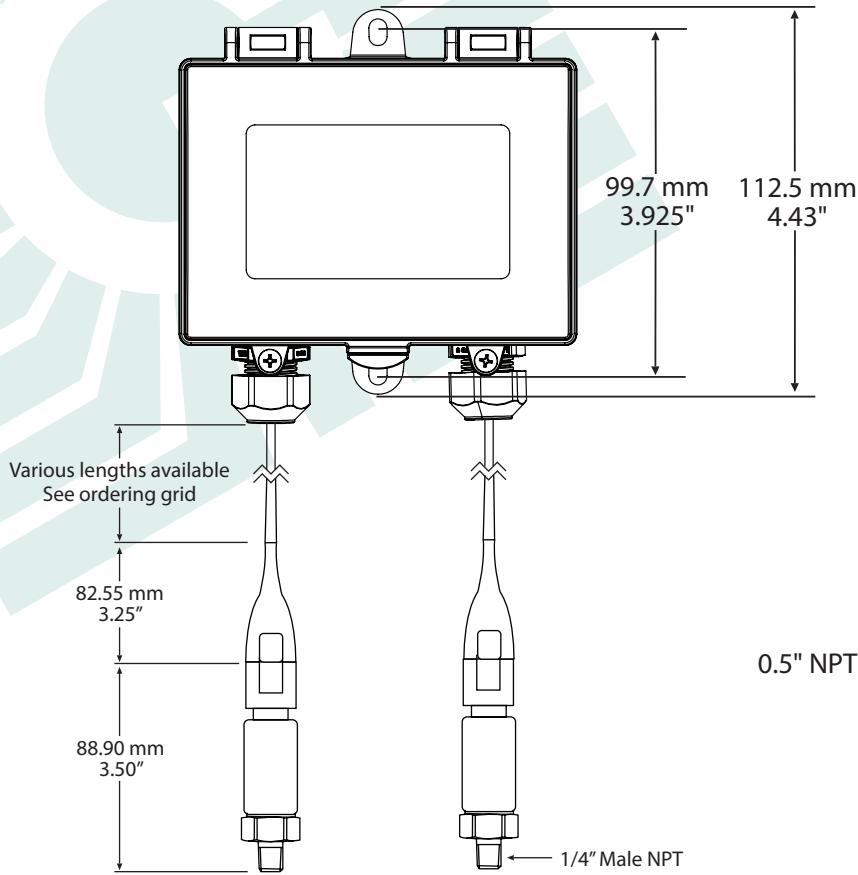
- Pump Monitoring
- Filter Monitoring
- Chiller Monitoring
- HVAC Systems

## PRODUCT SELECTION INFORMATION:

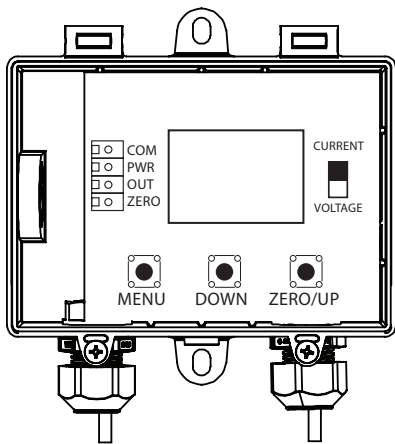
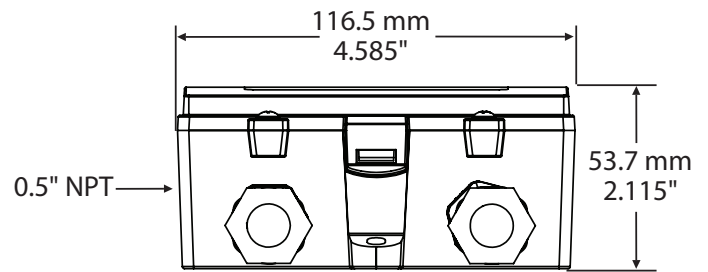
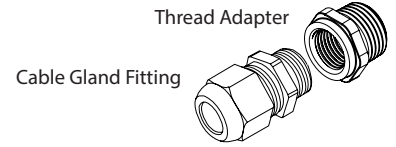
MODEL	Product Description			
<b>HADP</b>	High Accuracy Differential Pressure Transmitter			
CODE	Enclosure			
<b>B</b>	Polycarbonate with hinged and gasketed cover			
<b>F</b>	Same as B, with thread adapter and cable gland fitting			
CODE	Pressure Ranges			
<b>101</b>	5, 10, 25, and 50 PSI ranges			
<b>102</b>	10, 20, 50, and 100 PSI ranges			
<b>103</b>	20, 40, 100, and 200 PSI ranges			
<b>104</b>	50, 100, 250, and 500 PSI ranges			
<b>105</b>	0.5, 1.0, 2.5, and 5.0 Bar			
<b>106</b>	0.75, 1.50, 3.75, and 7.50 Bar			
<b>107</b>	1, 2, 5, and 10 Bar			
<b>108</b>	3, 6, 15, and 30 Bar			
<b>109</b>	50, 100, 250, and 500 kPa			
<b>110</b>	75, 150, 375, and 750 kPa			
<b>111</b>	100, 200, 500, and 1000 kPa			
<b>112</b>	300, 600, 1500, and 3000 kPa			
CODE	Cable Type			
<b>S</b>	FT-6 Plenum Rated			
<b>A</b>	Armoured Cable			
CODE	Cable Type			
<b>15</b>	1.5 m (5')			
<b>30</b>	3.0 m (10')			
HADP	B	101	S	15

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

# DIMENSIONS:



Included with F style enclosure



## GREYSTONE ENERGY SYSTEMS INC

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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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