



GREYSTONE ENERGY SYSTEMS INC

HIGH ACCURACY GAGE PRESSURE TRANSMITTER HAGP Series

The high accuracy gage pressure transmitter is designed with single remote sensor that enables it to accept high pressure in several ranges up to 500 PSI, 30 Bar or 3000 kPa. All models are rated for overload pressure 2X the maximum full scale range and burst pressure of 5X the maximum full scale range.

Features include field selectable pressure ranges and output signal types, output reversal and slow-dampening for the most flexible applications. The output signal is factory calibrated and temperature compensated for the highest start-up accuracy. A weatherproof Polycarbonate enclosure is provided for ease of installation.



SPECIFICATIONS

- Power Supply24 Vac/dc \pm 10% (non-isolated half-wave rectified)
- Consumption75 mA max @ 24 Vdc
- Output Signal30wire transmitter, 4-20 mA (sourcing), 0-5/0-10 Vdc
- Output Drive**Current:** 500 ohms max
Voltage: 10K ohms min
- Protection CircuitryReverse voltage protected, transient protected
- LCD35 x 15 mm (1.4 x 0.6"), 2-line x 8-character
- Accuracy \pm 0.5% full scale of selected range (Range 4 = 1%)
- Stability \pm 0.25% F.S. typical (1 year)
- Pressure Ranges4 per model (menu selectable)
- Media Compatibility17-4 PH stainless steel
- Proof Pressure2X highest range per model
- Burst Pressure5X highest range per model
- Maximum Line Pressure ...Maximum line pressure is the highest of the selectable ranges on each model
- Pressure Cycles> 100 million
- Surge Damping**Normal:** 4 second averaging
Slow: 8 second averaging (switch selectable)
- Operating Environment ...0 to 50°C (32 to 122°F), 10-90 %RH non-condensing
- Zero AdjustPush-button auto-zero and digital input
- Sensor Operating Range...-40 to 85°C (-40 to 185°F)
- Pressure Connection1/4" NPT male
- Remote Sensor RatingIP 66 (Housing Only)
- Remote Sensor CableS = FT-6 plenum rated
A = Armored Flexible S/S
- Wiring Connection14-22 AWG screw terminal block
- EnclosurePolycarbonate, UL94-V0, IP65 (NEMA 4X)
F style includes thread adapter (1/2" NPT to M16) and cable gland fitting
- Dimensions112.5 W x 116.5 H x 53.7 D mm (4.43" x 4.59" x 2.11")
- Weight750g (26.5 oz) - Including remote cables and sensors
- Country of OriginCanada

PART NUMBER SELECTED

PRODUCT SELECTION INFORMATION:

MODEL	Product Description
HAGP	High Accuracy Gage Pressure Transmitter

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

CODE	Pressure Ranges
101	5, 10, 25, and 50 PSI ranges
102	10, 20, 50, and 100 PSI ranges
103	20, 40, 100, and 200 PSI ranges
104	50, 100, 250, and 500 PSI ranges
105	0.5, 1.0, 2.5, and 5.0 Bar
106	0.75, 1.50, 3.75, and 7.50 Bar
107	1, 2, 5, and 10 Bar
108	3, 6, 15, and 30 Bar
109	50, 100, 250, and 500 kPa
110	75, 150, 375, and 750 kPa
111	100, 200, 500, and 1000 kPa
112	300, 600, 1500, and 3000 kPa

CODE	Cable Type
S	FT-6 Plenum Rated
A	Armoured Cable

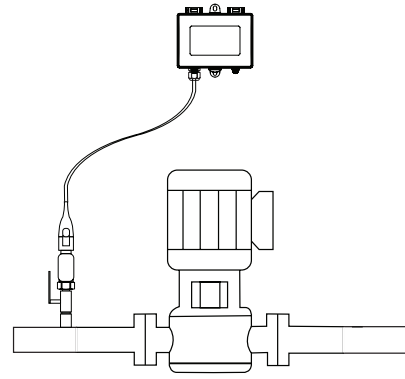
CODE	Cable Type
15	1.5 m (5')
30	3.0 m (10')

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

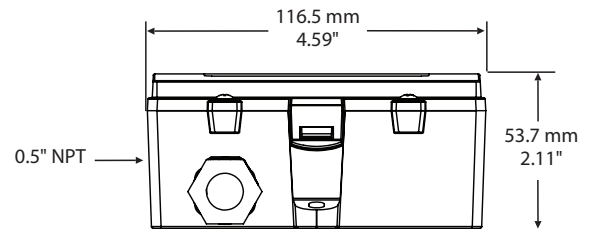
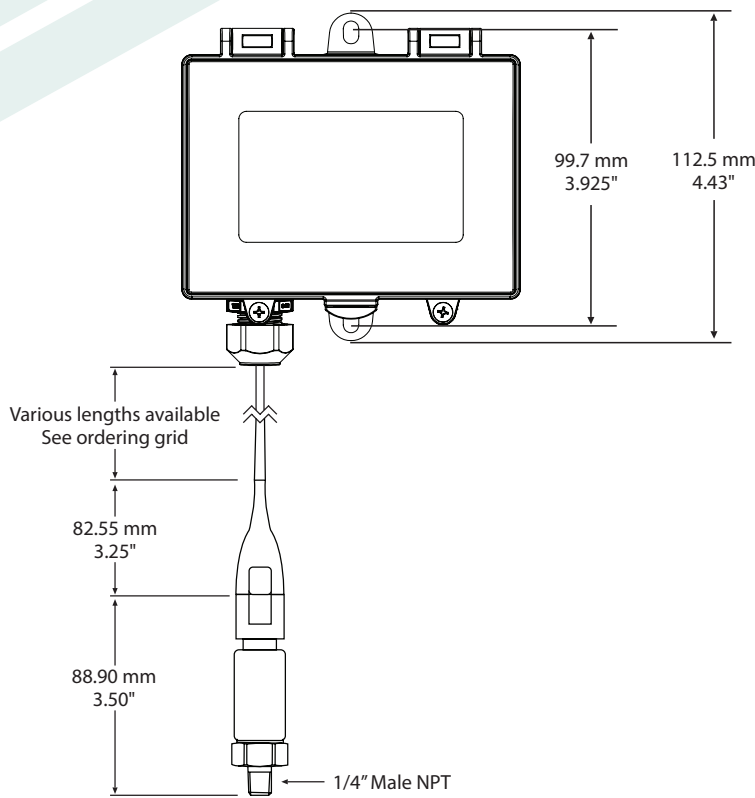
TYPICAL INSTALLATION:

For complete installation and wiring details, please refer to the product installation instructions.

The transmitter mounts on a vertical surface using the two integrated mounting holes. The remote sensor cable connection should be located on the bottom of the enclosure. The two mounting holes will facilitate a #10 size screw (not supplied). Ensure there is enough space around the unit to make the electrical connections and that it is within an acceptable distance for the length of remote sensor cable. Avoid locations with severe vibrations or excessive moisture.



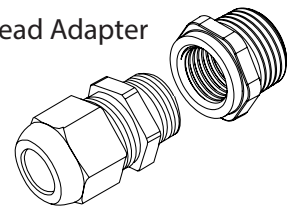
DIMENSIONS:



Included with F style enclosure

Thread Adapter

Cable Gland Fitting



GREYSTONE

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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.

GREYSTONE HAS AN ISO 9001 REGISTERED QUALITY SYSTEM