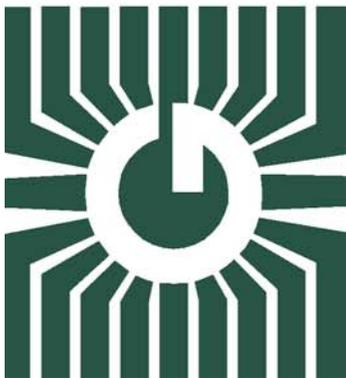


GREYSTONE

ACCURACY BY DESIGN



LIQUID PRESSURE TRANSDUCERS WP-D & WP-G Series



High strength corrosive resistant stainless steel sensor construction. No silicone oil, no welds, no internal “O” rings. Compatible with a wide range of liquids and gases. Suitable for high shock and vibration applications.

FEATURES:

- Excellent long-term stability and high accuracy
- Backlit LCD for display of differential or gauge pressure
- Jumper selectable LCD backlight for low power consumption applications
- Four switch selectable pressure ranges
- Jumper selectable output types, 4-20 mA, 0-5 and 0-10 Vdc
- NEMA 4 (IP54) enclosure
- Pushbutton and remote zeroing terminal
- Uni-directional or bi-directional pressure range selection switch
- High / low port swap switch to solve incorrect plumbing for differential
- Normal or slow surge damping switch to prevent false alarms and reduce noise
- Output polarity reverse switch

***Peace of mind
through reliable
pressure transducers***

GREYSTONE HAS AN **ISO 9001** REGISTERED QUALITY SYSTEM

APPLICATIONS:

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

SPECIFICATIONS:

Media compatibility	17-4 PH stainless steel		
Input power	15 to 30 Vdc / 24 Vac nominal		
Supply Current @ 24 Vdc (max)	100 mA with LCD backlight 35 mA LCD backlight disabled		
Output	3-wire transmitter; user selectable 4-20mA, 0-5V and 0-10V		
Pressure Ranges:	0-5/10/25/50 psig/d 0-10/20/50/100 psig/d 0-20/40/100/200 psig/d 0-50/100/250/500 psig/d	0-.5/1/2.5/5 Bar 0-.75/1.5/3.75/7.5 Bar 0-1/2/5/10 Bar 0-3/6/15/30 Bar	0-50/100/250/500 kPa 0-75/150/375/750 kPa 0-100/200/500/1000 kPa 0-300/600/1500/3000 kPa
Proof Pressure	Max. 2X F.S. range		
Burst Pressure	Max. 5X F.S. range		
Accuracy	+/- 1% F.S. combined linearity, hysteresis, and repeatability. Range 4 accuracy +/- 2% F.S.		
Pressure cycles	> 100 million		
Surge Damping	normal 4-second averaging slow 8-second averaging, switch selectable		
Temperature compensated range	0 to 55°C (32 to 130°F)		
Sensor operating range	-40 to 105°C (-40 to 220°F)		
Long term stability	+/- 0.25% typical (1 year)		
Zero Adjust	pushbutton auto-zero and digital input		
Operating environment	0 to 50°C 10-90% RH non-condensing		
Fittings	1/8" NPT female		
Enclosure	127mm x 127mm x 57mm (5" x 5" x 2.25")		
Shock	100G, 11 mSec, ½ sine		
Vibration	20G peak 20 to 2400 Hz		
Rating	IP54 (NEMA 4)		

DESCRIPTION:

The Wet-Wet pressure transmitter is designed with dual sensors that enable it to accept high differential pressures in the ranges of 5PSI to 500PSI. All models can handle overload pressure 2X the maximum full scale range and burst pressure is 5X the maximum full scale range.

The gauge pressure transmitter is designed with a single sensor that enables it to accept high pressures in the ranges of 5PSI to 500PSI. All models can handle overload pressure 2X the maximum full scale range and burst pressure is 5X the maximum full scale range.

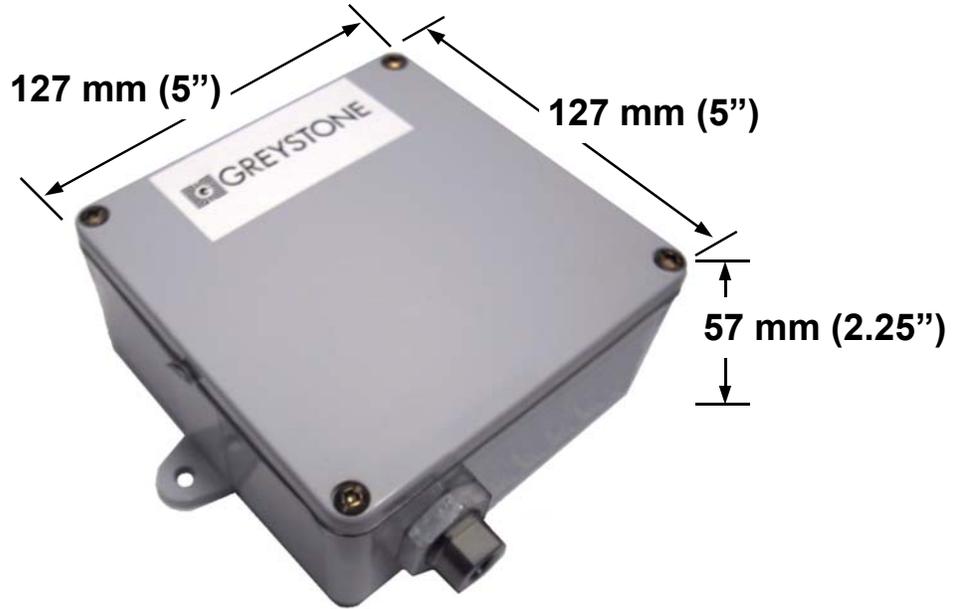
Features include field selectable pressure ranges and output signal types for the most flexible applications. Typical HVAC applications include monitoring of water differential and gage pressure. The output signal is factory calibrated and temperature compensated for the highest start-up accuracy.

PRODUCT ORDERING INFORMATION

Model	Description		
WP-D	Wet / Wet differential pressure transmitter, jumper selectable outputs		
WP-G	Gauge pressure transmitter, jumper selectable outputs		
	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	Option	
	LCD	Backlit LCD option	
WP-D	101	LCD	Typical Model Number

Example: Wet to Wet differential, 5 thru 50 PSI ranges c/w LCD

DIMENSIONS & OPTIONS:



Gauge pressure transmitter shown above



Wet/Wet differential pressure transmitter shown above c/w LCD



150 English Drive,
Moncton, NB, Canada E1E 4G7
e-mail: mail@greystoneenergy.com
Tel.: (506) 853-3057 Fax: (506) 853-6014
web site: www.greystoneenergy.com

Greystone Energy Systems Inc. is one of North America's largest ISO registered manufacturers of HVAC sensors and transducers 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.

ISO 9001:2000

