

SUBMITTAL

Liquid Pressure Transducer

PRODUCT SELECTION INFORMATION:

MODEL	Product Description
WP-D	Differential pressure transmitter, jumper selectable outputs
WP-G	Gauge pressure transmitter, jumper selectable outputs

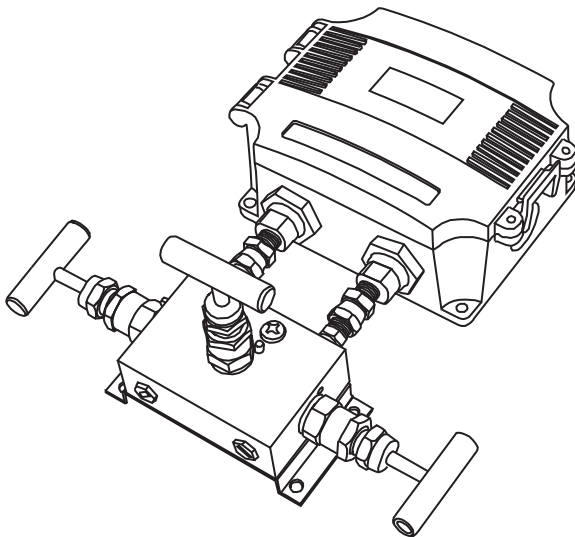
CODE	Range (Jumper Selectable)
101	5, 10, 25 and 50 PSI ranges
102	10, 20, 50 and 100 PSI ranges
103	20, 40, 100 and 200 PSI ranges
104	50, 100, 250 and 500 PSI ranges
105	0.5, 1.0, 2.5 and 5.0 Bar
106	0.75, 1.50, 3.75 and 7.50 Bar
107	1, 2, 5 and 10 Bar
108	3, 6, 15 and 30 Bar
109	50, 100, 250, and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

CODE	Options
LCD	Backlit LCD
VB	Valve and Bracket Assembly (Not Available in the USA)

WP-D	101	LCD
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Greystone Energy Systems, Inc. reserves the right to make design modifications without prior notice.

EXAMPLE: Differential pressure, 5/10/25/50 psi ranges with LCD



Part Number:

The WP series is available in either gauge or differential models used for monitoring various liquids. A wide variety of ranges are available with each model providing 4 user selectable ranges. The output signal is factory calibrated and temperature compensated for the highest accuracy

Media Compatibility	17-4 PH stainless steel
Line Pressure	Max. Line Pressure is the highest of the selectable ranges on each model
Proof Pressure	Max. 2X highest range per model
Burst Pressure	Max. 5X highest range per model
Accuracy	± 1% F.S. of range selected with combined linearity, hysteresis, and repeatability Lowest range on each model is ± 2% F.S.
Long term Stability	± 0.25% typical (1 year)
Input Power	18 to 28 Vac/Vdc (non-isolated half-wave rectified)
Supply Current @ 24 Vdc	100 mA max @ 24 vdc with LCD backlight, 35 mA with backlight disabled
Output Signal	3-wire transmitter, user selectable 4-20 mA active (sourcing), 0-5 Vdc or 0-10 Vdc
Zero Adjust	Push-button auto-zero and digital input
Sensor Operating Range	-40 to 85°C (-40 to 180°F)
Operating Environment	0 to 50°C (32 to 122°F)
Pressure Connections	1/8" NPT female
Wiring Connections	Screw terminal block (14 to 22 AWG)
Enclosure	IP65 (Nema 4X) ABS hinged, gasketed lid

Installation:

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

The WP mounts on any surface using the four holes provided on the base of the unit. Make sure there is enough space around the unit to connect the pressure tubing without kinking and avoid locations where severe vibrations or excessive moisture are present.

The unit may be mounted in any position but typically is installed on a vertical surface with pressure ports on the right and the cable entrance on the left. The enclosure has a standard opening for a 1/2" conduit and may be installed with either conduit and a conduit coupler or a cable gland type fitting.

Options include a backlit LCD and 3 way pressure valve & bracket assembly. (Valve and bracket assembly not available in the USA)



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ACCURACY BY DESIGN

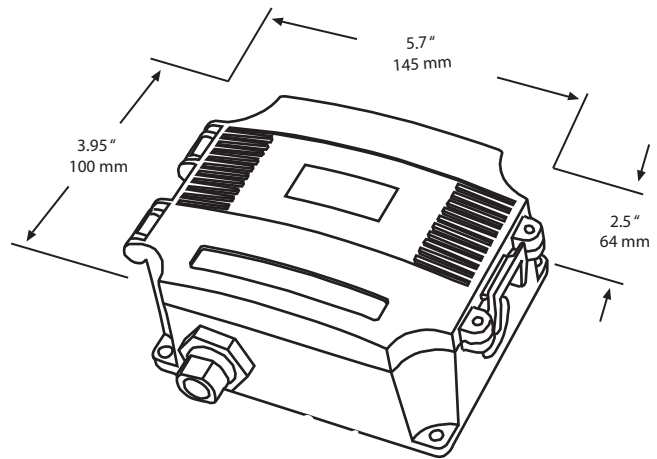
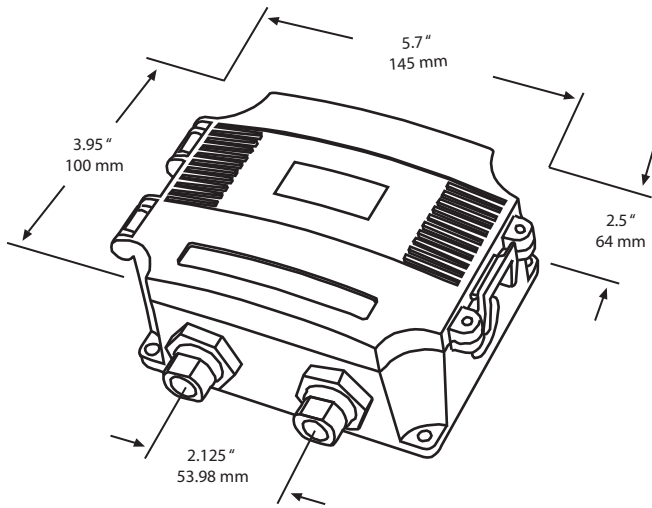
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RoHS
COMPLIANT



Dimensions



Accessories

(Valve and bracket assembly not available in the USA)

