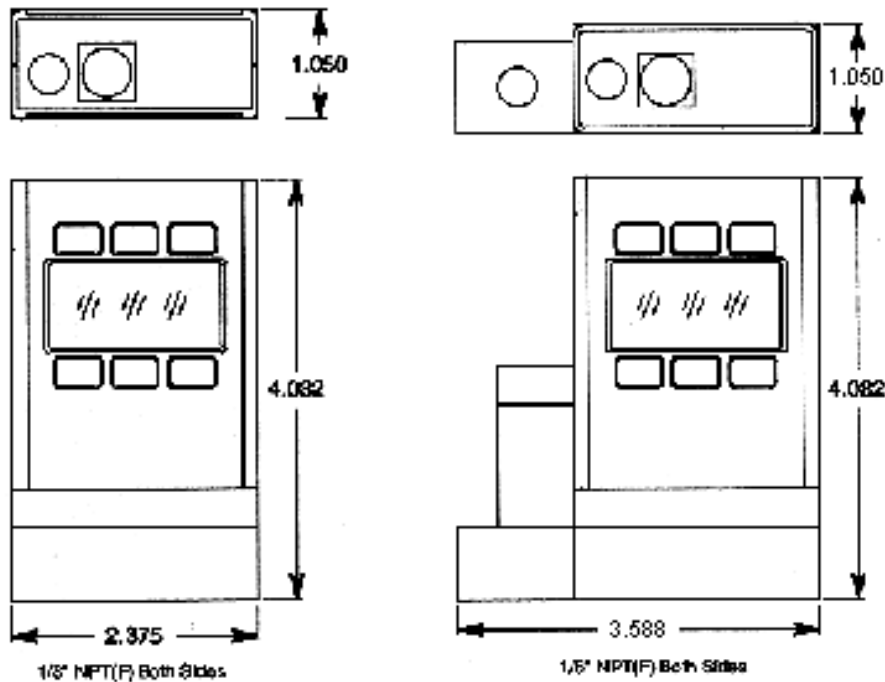


## Digital Pressure Gauges/Controller

The **P Series Digital Pressure Gauges** are a series of indicating transmitters that digitally display pressure, and offer a variety of output options. The standard outputs include 0-5Vdc, 0-10Vdc, and RS-232 digital communication. A 4-20mA current output is optional. The P Series can be scaled in ranges from vacuum-1.0PSI to 1000PSIG in gas or liquid. They can also be configured with an optional battery pack, which converts your pressure gauge into a high precision portable calibration device.

The **PC Series Digital Pressure Controllers** are for low-pressure applications ranging from vacuum to 100PSIG full scale. The PCs accept a selectable analog or digital control set point command from either external devices or via direct entry on display equipped units. The controllers offer an electronic output signal independent of the set point input that indicates the actual line pressure. Standard inputs include 0-5Vdc, 0-10Vdc or RS-232 with optional 4-20mA. As a transmitter, the same analog and digital signal options are also available. The dynamic digital display and push button interface, available on both the P and PC Series, allows for easy operator interface of the various meter functions and display options.

Specification	P Gauge	PC Controller	Units	Sample FS Ranges
Accuracy	±0.5%	±0.5%	Full Scale	1 PSI A/G
Repeatability	±0.5%	±0.5%	Full Scale	5 PSI A/G
Turndown Ratio	200:1	200:1		10 PSI A/G
Response Time - Adjustable	5	100	Milliseconds	20 PSIG
Temperature Range (Operating)	-10 to +50	-10 to +50	°C	50 PSIG
Zero Shift	0.02%	0.02%	FS/°C/atm	100 PSIG
Span Shift	0.02%	0.02%	FS/°C/atm	
Excess Pressure	2X	2X	Full Scale psi	<b>GAUGES ONLY</b>
Supply Voltage	7 - 30	12 - 25	Vdc	200 PSIG
Supply Current	35	250	mA	500 PSIG
Voltage Output/Input - Standard	0-5 or 0-10	0-5 or 0-10	Vdc	1000 PSIG
Connections:	1/8"	1/8"	NPTF	
Wetted Materials	303 Stainless Steel, Viton®, Silicone RTV, 302 SS Valves Only: Brass, Viton®			



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