

# Pi600 Series Barometric Pressure Sensor

## SPECIFICATION

Characteristics	Pi607/Pi610	Pi605	Pi6010	Pi642	Units
Pressure Ranges:	750-1250 mBar Absolute				mBar Absolute
Rated Output	2mV/V / 10mV/V	0.5-4.5V	0-10V	4-20mA	
Excitation Voltage	2-2(regulated)	5V(regulated)	13-32 (unregulated)	13-32 (unregulated)	VDC
Input Current	<3	<3	<4	N/a	mA
Output Config	4 wire	3 wire	3 wire	2 wire	No. of wires
Accuracy	0.10				+/- % of rated O/P
Zero balance	<0.1				+/- % of rated O/P
Safe Overpressure	150				Of Pressure Range
Temperature range	Compensated	+20 to +80			°C
	Operating	-20 to +100			°C
Temperature Effect	On Span	<0.010			+/- of Output/°C
	On Zero	<0.040(<0.020 Or<0.010 optional)			+/- of Rated Output/°C
Stability	<0.1 over 12 months				+/- of Rated Output
Input Resistance	1100	n/a			ohms
Output Resistance	1100	n/a			ohms
Insulation	>500				Meg ohms at 50VDC
Media Compatability	Any media	Compatible with 316	L St St, Alumina &	Seal of choice	
Weight	100				Grams
Protection	I.P. 65 with plug and	Socket or I.P. 66	With cable		

### All dimensions in mm

