

Field Adjustable, High Temperature

PRESSURE TRANSMITTER

P600HT
Series



- Pressure Ranges 0-6 to 0-400bar
- Sealed to IP65
- Process Temperature up to 300°C
- Excellent Chemical and Abrasion Resistance
- Rugged Construction
- 4-20mA Outputs
- Field Adjustable Output Range
- Excellent Performance/Price Ratio
- 3 YEAR WARRANTY

Options Available

Interim Pressure Ranges (Consult Factory)

Special Output Scaling (Consult Factory)

Supplied With Any Instrumentation and Calibrated as a Complete System with Traceable Certificate

DESCRIPTION

The P600HT series of high temperature pressure transmitters has been engineered for the measurement of liquid and gas pressures in a applications where the process media is at high temperatures up to 300°C.

Pressure ranges between 0-6bar and 0-400bar are available offering field adjustment of both span and zero by $\pm 10\%$ for quick and easy re-ranging of the sensor.

Constructed from Stainless Steel it offers excellent long term performance throughout the complete range of pressures.

The P600HT series can be further complimented by any of our range of instrumentation to offer a complete system, supplied and calibrated from a single supplier.

Transducer Specialists...

APPLIED MEASUREMENTS LIMITED

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SPECIFICATION

CHARACTERISTICS	P600HT	UNITS
Pressure Ranges:	6, 10, 16, 25, 40, 60, 100, 160, 250, 400	bar
Rated Output:	4-20mA	
Excitation Voltage:	13 to 36 (un-regulated)	Vdc
Output Configuration (No. of Wires):	2	
Combined Error (Accuracy):	< ±0.3	±% of Rated Output
Zero Balance:	< 1.0	±% of Rated Output
Safe Overpressure:	200	% of Pressure Range
Temperature Range Media:	-10 to +300	°C
Ambient:	-20 to +80	°C
Temperature Effect On Span:	< 0.06	±% of Output/°C
On Zero:	< 0.06	±% of Rated Output/°C
Stability:	< 0.2 over 6 months	±% of Rated Output
Insulation Resistance:	> 100	Megaohms at 500VDC
Media Compatibility:	Any media compatible with 316 Stainless Steel	
Weight:	90	grams
Environmental Protection:	IP65	

**Combined Error (Accuracy) is the combined error caused by the effects of Non-Linearity, Hysteresis and Repeatability

All dimensions in mm

