

Field Adjustable, ATEX Certified

PRESSURE TRANSMITTER

P642FAX
Series



- Pressure Ranges 0.5 to 2500bar
- ATEX Certified:
II I GD Eex ia IIC T4
- Sealed to IP65
- Excellent Chemical and Abrasion Resistance
- Rugged Construction
- 4-20mA Outputs
- Field Adjustable Output Range
- Excellent Performance/Price Ratio
- FAST DELIVERY
- 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 P600FAX series of ATEX certified pressure transmitters has been engineered for the measurement of liquid and gas pressures in a diverse range of industrial and specialised applications, including:- Hydraulics, Pneumatics, Agriculture, Marine, Sewage, Gas, Medical, Chemical, Food Processing, Barometers, Dataloggers etc.

Pressure ranges between 0-500mbar and 0-2500bar are available offering field adjustment of both span and zero by $\pm 10\%$ for quick and easy re-ranging of the sensor.

Constructed from Titanium using Silicon on Sapphire technology it offers excellent long term performance throughout the complete range of pressures.

The P600FAX 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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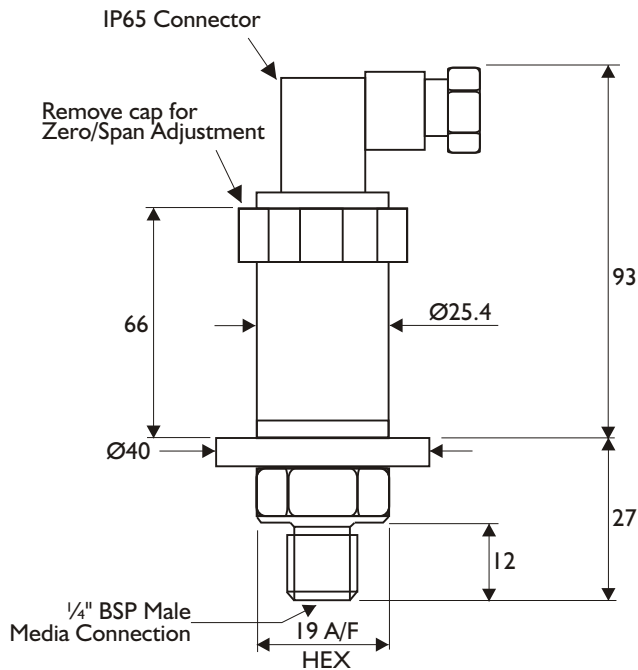


SPECIFICATION

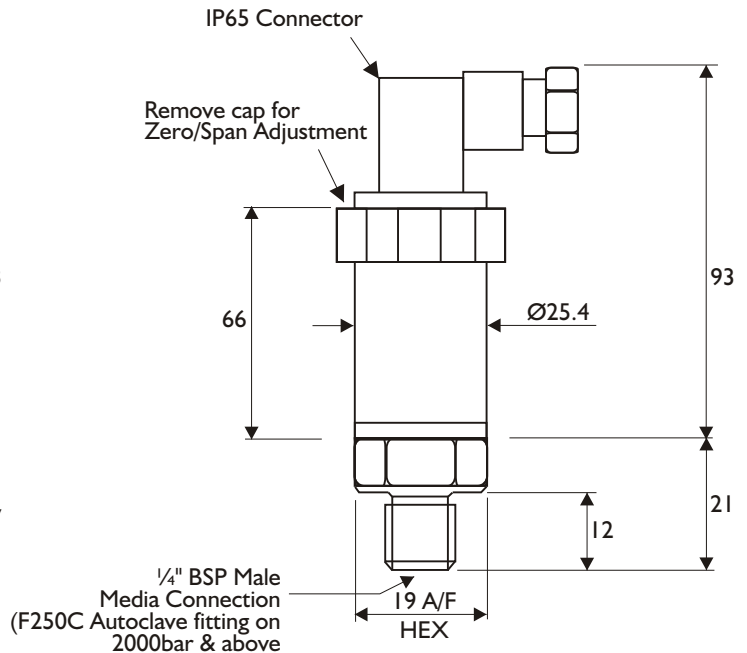
CHARACTERISTICS	P642FAX	UNITS
Pressure Ranges:	0.5, 1, 1.6, 2.5, 4, 6, 10, 16, 25, 40, 60 100, 160, 250, 400, 600, 1000, 1500, 2000, 2500	bar
Rated Output:	4-20mA	
Excitation Voltage:	13 to 28 (un-regulated)	Vdc
Output Configuration (No. of Wires):	2	
Combined Error (Accuracy):	< ±0.25	±% of Rated Output
Zero Balance:	< 1.0	±% of Rated Output
Safe Overpressure:	200 (3000bar max over-pressure on 2000 & 2500bar ranges)	% of Pressure Range
Temperature Range Compensated:	-40 to +80	°C
Operating:	-50 to +120	°C
Temperature Effect On Span:	< 0.030	±% of Output/°C
On Zero:	< 0.030	±% 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 BT9 Titanium Alloy	
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



Dimensions for 0.5 to 1 bar ranges



Dimensions for 2 to 2500 bar ranges

