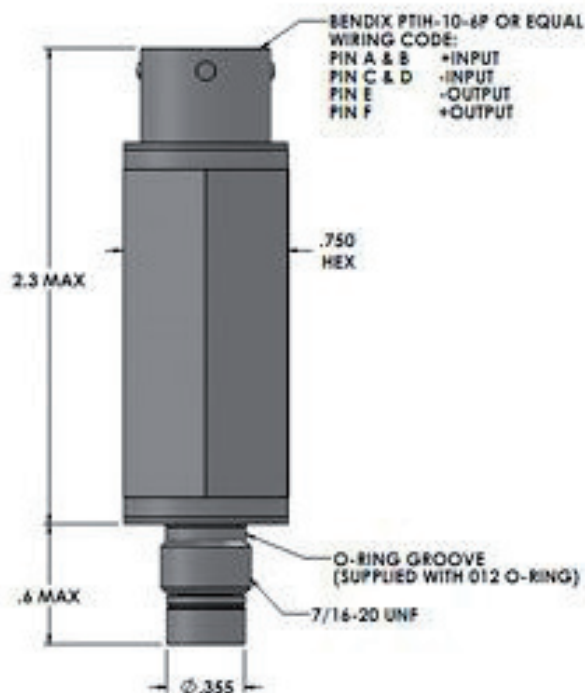


## Pressure Transducer

## Model XPMD DynAstat



All dimensions are in inches, unless otherwise noted. Also available in metric units.

**Measuring ranges**

- 0-500 to 0-10,000 psis

**Features**

- Measures Static and Dynamic Pressure
- Measures up to 100 kHz Frequency Response
- Very Insensitive to Installation Torque
- 3 mV/V Analog Output
- Single Output from DC to 100 kHz

**Options**

- Extend Compensated Temp. Range
- Various Electrical Connections
- Various Pressure Connections

**Drawing**

- 99-5936-0000

PERFORMANCE SPECIFICATIONS (FSO is Full Scale Output)		Capacity (psig)	Ordering Example	Natural Frequency	Frequency Response
EXCITATION	10 VDC	500 psig	XPMP-0500S	≥ 35 kHz	23 kHz
OUTPUT	3 mV/V	1000 psig	XPMP-1000S	≥ 50 kHz	33 kHz
TORQUE SENSITIVITY	±0.05% FSO	2500 psig	XPMP-2500S	≥ 82 kHz	55 kHz
LINEARITY	±0.25% FSO	5000 psig	XPMP-5000S	≥ 121 kHz	100 kHz
HYSTERESIS	±0.1% FSO	7500 psig	XPMP-7500S	≥ 146 kHz	100 kHz
REPEATABILITY	±0.1% FSO	10,000 psig	XPMP-10000S	≥ 162 kHz	100 kHz
OPERATING TEMP RANGE	-65 to +250°F				
COMPENSATED TEMP RANGE	-40 to +140°F				
THERMAL EFFECTS					
on Zero	±0.01% FSO/°F				
on Span	±0.02% Reading/°F				
PROOF PRESSURE	150% of Rated Pressure				
MATERIAL/WETTED PARTS	17-4 PH Stainless Steel				
O-RING SIZE	012				

**How to order**