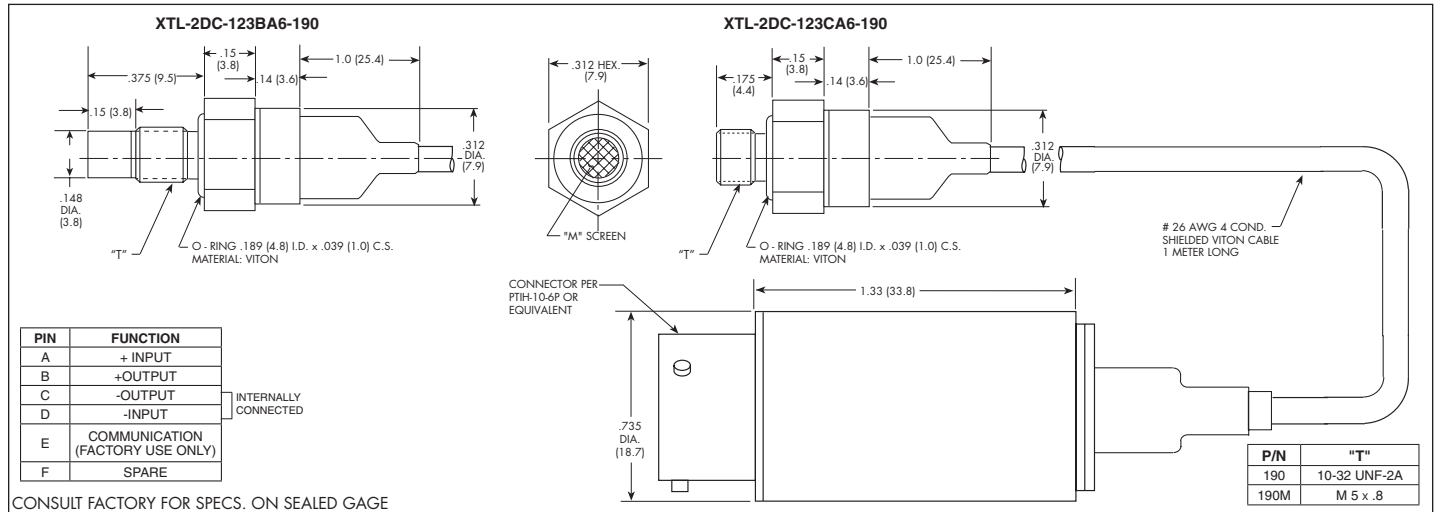
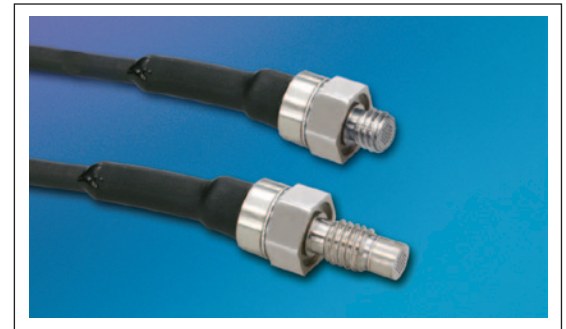




ULTRA MINIATURE 5 VDC OUTPUT MICROPROCESSOR CORRECTED RUGGEDIZED AUTOMOTIVE IS® PRESSURE TRANSDUCER

XTL-2DC-123BA6-190 (M) SERIES XTL-2DC-123CA6-190 (M) SERIES

- Automotive Testing Applications
- Patented Leadless Technology VIS®
- High Accuracy
- .15% T.E.B. Typical
- Compatible With All Automotive Fluids



INPUT Pressure Range	1.7 25	3.5 50	7 100	17 250	35 BAR 500 PSI
Operational Mode	Absolute, Sealed Gage				
Over Pressure	2 Times Rated Pressure to a Max. of 1000 PSI (70 BAR)				
Burst Pressure	3 Times Rated Pressure to a Max. of 1500 PSI (100 BAR)				
Pressure Media	All Nonconductive, Noncorrosive Liquids or Gases (Most Conductive Liquids and Gases - Please Consult Factory)				
Maximum Electrical Current	25 mA (Max.)				
Rated Electrical Excitation	8 - 32 VDC				
OUTPUT Output	0 to 5 V				
Output Impedance	200 Ohms (Typ.)				
Total Error Band	± 0.3% (Max.) ± 0.15% (Typ.) (End Point Settings, Combined Non-Linearity, Hysteresis, Repeatability And All Thermal Effects Included)				
Resolution	Infinitesimal				
Bandwidth (KHz)	3.5 KHz				
Acceleration Sensitivity % FS/g Perpendicular Transverse	3.0x10 ⁻⁴ 6.0x10 ⁻⁵	1.5x10 ⁻⁴ 3.0x10 ⁻⁵	1.0x10 ⁻⁴ 2.0x10 ⁻⁵	5.0x10 ⁻⁵ 1.0x10 ⁻⁵	3.0x10 ⁻⁵ 6.0x10 ⁻⁶
Insulation Resistance	100 Megohm Min. @ 50 VDC				
ENVIRONMENTAL Operating Temperature Range	-40°F to +400°F (-40°C to +204°C) Amplifier -40°F to +265°F (-40°C to +130°C)				
Compensated Temperature Range	-40°F to +250°F (-40°C to +120°C)				
Linear Vibration	100g Peak, Sine Up to 5000 Hz				
Humidity	100% Relative Humidity				
Mechanical Shock	100g half Sine Wave 11 msec. Duration				
PHYSICAL Electrical Connection	4 Conductor 26 AWG Shielded Viton Cable 1 Meter Long				
Weight	25 Grams (Nom.) Excluding Cable				
Sensing Principle	Fully Active Four Arm Wheatstone Bridge Dielectrically Isolated Silicon on Silicon Patented Leadless Technology				
Mounting Torque	15 Inch-Pounds (Max.)				

Note: Custom pressure ranges, accuracies and mechanical configurations available. Dimensions are in inches. Dimensions in parenthesis are in millimeters.
Continuous development and refinement of our products may result in specification changes without notice - all dimensions nominal. (N)