

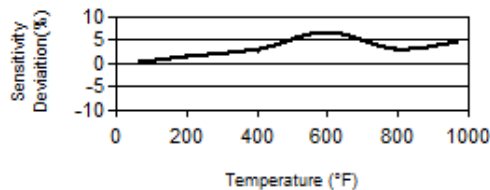
	ENGLISH	SI	
Performance			
Sensitivity(± 20 %)	65 pC/psi	942.7 pC/bar	
Measurement Range	75 psi	5.2 bar	
Maximum Pressure(Total)	1.45 kpsi	100 bar	
Resonant Frequency	>40 kHz	>40 kHz	
Transverse Resonance	≥ 8 kHz	≥ 8 kHz	
Frequency Response(+/-5 %)	8 kHz	8 kHz	[4][5]
Non-Linearity	≤ 1 % FS	≤ 1 % FS	[6]

Environmental			
Acceleration Sensitivity	0.003 psi/g	.00021 bar/g	[2]
Acceleration Sensitivity	0.01 psi/g	.00069 bar/g	[3]
Temperature Range(Continuous)	-94 to 968 °F	-70 to 520 °C	
Temperature Range(Receptacle)	-76 to 500 °F	-60 to 260 °C	
Temperature Response	See Graph	See Graph	
Hazardous Area Approval	See Manual	See Manual	
Radiation Exposure Limit(Integrated Gamma Flux)	1E8 rad	1E8 rad	
Radiation Exposure Limit(Integrated Neutron Flux)	1E10 N/cm²	1E10 N/cm²	

Electrical			
Output Polarity	Differential	Differential	[1]
Capacitance(with cable pin - pin)	650 pF	650 pF	
Internal Resistance(room temp)	≥ 10 <sup>9</sup> Ohm	≥ 10 <sup>9</sup> Ohm	
Insulation Resistance(Pin-Case)(room temp)	≥ 10 <sup>12</sup> Ohm	≥ 10 <sup>12</sup> Ohm	
Internal Resistance(968°F/520°C)	≥ 50,000 Ohm	≥ 50,000 Ohm	
Insulation Resistance(Pin-Case)(968°F/520°C)	≥ 100,000 Ohm	≥ 100,000 Ohm	

Physical			
Sensing Element	Ceramic	Ceramic	
Sensing Geometry	Compression	Compression	
Housing Material	Nickel Alloy	Nickel Alloy	
Sealing	Welded Hermetic	Welded Hermetic	
Electrical Connector	7/16-27 2-Pin	7/16-27 2-Pin	
Cable Type	Overbraided Hardline	Overbraided Hardline	
Weight(with cable)	9.35 oz	265 gm	

Typical Sensitivity Deviation vs Temperature



**OPTIONAL VERSIONS**  
Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

**NOTES:**  
 [1] Typical.  
 [2] Nominal.  
 [3] Maximum.  
 [4] Low frequency response is determined by external signal conditioning electronics.  
 [5] Upper frequency response is calculated from Resonant Frequency.  
 [6] Zero-based, least-squares, straight line method.  
 [7] See PCB Declaration of Conformance PS058 for details.



All specifications are at room temperature unless otherwise specified.  
 In the interest of constant product improvement, we reserve the right to change specifications without notice.  
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