

Performance	ENGLISH	SI	
Sensitivity(± 15 %)	18 pC/lb	4047 pC/kN	
Measurement Range(Compression)	≤ 20,000 lb	≤ 88.96 kN	
Maximum Static Force(Compression)	25,000 lb	111.2 kN	
Upper Frequency Limit	60,000 Hz	60,000 Hz	[2][3]
Non-Linearity	≤ 1 % FS	≤ 1 % FS	[4]
Environmental			
Temperature Range	-100 to +400 °F	-73 to +204 °C	
Temperature Coefficient of Sensitivity	≤ 0.05 %/°F	≤ 0.09 %/°C	
Electrical			
Capacitance	27 pF	27 pF	[1]
Insulation Resistance	≥ 1E12	≥ 1E12	
Physical			
Preload	4000 lb	17.793 kN	
Stiffness	23 lb/μin	4 kN/μm	[1]
Size (Diameter x Height x Bolt Diameter x Sensing Surface)	1.10 in x 0.430 in x 1/2 in x 0.888 in	27.9 mm x 10.9 mm x 12 mm x 22.6 mm	
Size (ID)(Hole Diameter)	0.520 in	13.2 mm	
Size (OD)(Sensor)	1.10 in	27.9 mm	
Weight	1.3 oz	38 gm	
Housing Material	Stainless Steel	Stainless Steel	
Sealing	Hermetic	Hermetic	
Electrical Connector	10-32 Coaxial Jack	10-32 Coaxial Jack	
Electrical Connection Position	Side	Side	

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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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.
M - Metric Mount Supplied Accessory : Model 080A82 Assembly Lubricant Supplied Accessory : Model 082B03 Anti-friction washer (for Models 203B and 213B) Supplied Accessory : Model M081A13 Mounting Stud, M10 x 1.00 x 1.100, BeCu Supplied Accessory : Model M083B03 Pilot Bushing
P - Positive Output Polarity
W - Water Resistant Cable Electrical Connector Molded Integral Cable Molded Integral Cable Electrical Connection Position Side Side

NOTES:
 [1] Typical.
 [2] Estimated using rigid body dynamics calculations.
 [3] Low frequency response and system noise dependent on choice of external signal conditioning electronics.
 [4] Zero-based, least-squares, straight line method.

SUPPLIED ACCESSORIES:
 Model 080A82 Assembly Lubricant
 Model 081A13 Mounting Stud, 3/8-24 x 1.100, BeCu
 Model 082B03 Anti-friction washer (for Models 203B and 213B)
 Model 083B03 Pilot bushing (for Models 203B and 213B)

Entered: AP	Engineer: MJK	Sales: KWW	Approved: APB	Spec Number:
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