200B04			ICP® FORCE	SE	ENSO
Performance		ENGLISH	SI		ſ
Sensitivity(± 15 %)		5 mV/lb	1124 mV/kN		Optional v
Measurement Range(Compression)		1000 lb	4.448 kN		1
Maximum Static Force(Compression)		5000 lb	22.24 kN		Į.
Broadband Resolution(1 to 10,000 Hz)		0.02 lb-rms	0.089 N-rms	[1]	N - Nega
Low Frequency Response(-5 %)		0.0003 Hz	0.0003 Hz	[2]	Output Po
Upper Frequency Limit		75 kHz	75 kHz	[3]	1
Non-Linearity		≤ 1 % FS	≤ 1 % FS	[4]	W - Wate
Environmental					Electrical
Temperature Range		-65 to +250 °F	-54 to +121 °C		Electrical
Temperature Coefficient of Sensitivity		≤ 0.03 %/°F	≤ 0.054 %/°C		
Electrical					1
Discharge Time Constant(at room temp)		≥ 2000 sec	≥ 2000 sec	1	NOTES:
Excitation Voltage		20 to 30 VDC	20 to 30 VDC		[1] Typica
Constant Current Excitation		2 to 20 mA	2 to 20 mA		[2] Zero-b
Output Impedance		≤ 100 ohm	≤ 100 ohm		[3] Estima
Output Bias Voltage		8 to 14 VDC	8 to 14 VDC		[4] Calcul
Output Polarity(Compression)		Positive	Positive		[5] See P
Physical					-
Stiffness		11 lb/µin	1.9 kN/μm	[1]	
Size (Diameter x Height x Sensing Surface)		0.650 in x 0.360 in x 0.500 in	16.51 mm x 9.14 mm x 12.7 mm	SUPPLI	
Weight		0.5 oz	14 gm		Model 08
Housing Material		Stainless Steel	Stainless Steel		Model 08
Sealing		Hermetic	Hermetic		Model 08
Electrical Connector		10-32 Coaxial Jack	10-32 Coaxial Jack		Model M0
Electrical Connection Position		Side	Side		1
Mounting Thread		10-32 Female	10-32 Female		
					Entered 2



Model Number

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

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

gative Output Polarity

Polarity(Compression)

Negative

Negative

Revision: H ECN#: 31810

ter Resistant Cable

al Connector

Sealed Cable Side

Sealed Cable Side

al Connection Position

- cal.
- -based, least-squares, straight line method.
- nated using rigid body dynamics calculations.
- ulated from discharge time constant.
- PCB Declaration of Conformance PS023 for details.

LIED ACCESSORIES:

80A81 Thread Locker (1)

81B05 Mounting Stud (10-32 to 10-32) (1)

84A83 Impact Pad (1)

1081A62 Mounting stud, 10-32 to M6 x 1, BeCu with shoulder (1)

Approved ___ Spec Number: 200-2040-80



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