

Performance	ENGLISH	SI	
Sensitivity(± 20 %)	50 mV/με	50 mV/με	
Measurement Range	100 pkμε	100 pkμε	[1]
Frequency Range(- 5 %)	0.004 Hz	0.004 Hz	[2]
Broadband Resolution(1 to 10,000 Hz)	0.0002 με	0.0002 με	[3]
Non-Linearity	≤ 2 %	≤ 2 %	[4]
Environmental			
Temperature Range(Operating)	-65 to +250 °F	-54 to +121 °C	[3]
Electrical			
Excitation Voltage	20 to 30 VDC	20 to 30 VDC	
Constant Current Excitation	2 to 20 mA	2 to 20 mA	
Output Bias Voltage	8 to 14 VDC	8 to 14 VDC	
Discharge Time Constant	≥ 150 sec	≥ 150 sec	
Physical			
Sensing Element	Quartz	Quartz	
Housing Material	Stainless Steel	Stainless Steel	
Electrical Connector	10-32 Coaxial Jack	10-32 Coaxial Jack	
Electrical Connection Position	Side	Side	
Sealing	Epoxy	Epoxy	
Mounting Torque	7.38 ft-lb	10 Nm	
Size (Width x Length x Height)	0.67 in x 1.81 in x 0.6 in	17 mm x 46 mm x 15.2 mm	
Weight	1.6 oz	45 gm	[3]

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.

W - Water Resistant Cable

NOTES:

[1]Based on 10 mV/με sensitivity.
 [2]Calculated from discharge time constant.
 [3]Typical.
 [4]Zero-based, least-squares, straight line method.
 [5]See PCB Declaration of Conformance PS023 for details.

SUPPLIED ACCESSORIES:

Model 080A82 Assembly Lubricant
 Model M081A100 M6 x 1.00 flathead screw (1)

Entered: ND	Engineer: RPF	Sales: BS	Approved: RPF	Spec Number:
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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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