

Model Number 5860B	PERFORMANCE SPECIFICATION							DOC NO PS5860B			
	IMPEDANCE HEAD								REV A, ECN	13115, 04/17/17	
		This family also includes:									
	MEASURES FORCE AND ACCELERATION			Force Sens. (mV/lbf)	Accelerometer Sens. (mV/g)	Max. Force (lbf)	Max. Acceleration (g)	Frequency Response (Hz)	T.C. (sec)	Resolutio (Ibf, RMS	
F	• IEPE, VOLTAGE MODE										
3 Miles	• MODAL AND STRUCTURAL ANALYSIS			Refer to the performance specifications of the products in this family for detailed description.   Supplied Accessories:   1) Accredited calibration certificate (ISO 17025)   2) Model 6200 Mounting Studs, Qty 2.							
	ENGLISH	SI		Jiviouriurig	Sidds, Qiy 2.						
DRCE SENSOR			Notes:								
ensitivity, ±10% ange for ±5 Volts Out laximum Force, ± esolution esonant Frequency, Unloaded nearity, ± [2] lass Ahead of Quartz Crystals las Voltage utput Polarity, Compression	100   mV/lbf     50   lbf     100   lbf     0.007   lbf     > 50   kHz     2   % F.S.     0.355   oz     7.5 to 9.5   VDC     Positive   VDC	22   mV/N     222   N     445   N     0.03   N     > 50   kHz     2   % F.S.     10   grams     7.5 to 9.5   VDC     Positive   V	[2] Percent of [3] Do not app	full scale or bly power to	Grms per ISA R r any lesser range this system with tant product impro	e, zero based be out current limitin ovement, we res	g, 20 mA MAX.	To do so will de change specifie			
CCELEROMETER ensitivity, ±10% [1] ange for ±5 Volts Out laximum Acceleration, ± requency Response, ±5% esonant Frequency nearity, ± [2] ransverse Sensitivity, Max. ias Voltage olarity, Toward Driving Point	100   mV/g     50   g     100   g     1 to 8000   Hz     > 35   kHz     1   % F.S.     5   %     11 to 13   VDC     Positive   VDC			o Output(mV/LBF) F	Zero based bes	t-fit straight line	a 1% of Z Full Scale	ero Based Best Fit Line Output	 		
OMMON SPECIFICATIONS iffness, Overall utput Impedance emperature Range scharge Time Constant befficient of Thermal Sensitivity pompliance Voltage onstant Current Range [3] leight aterial ounting Thread, Both Ends	2.2x10 <sup>7</sup> Ib/in.     100   Ohms     -100 to +250   °F     1.0 to 2.0   Sec.     0.03   %/°F     +18 to +30   VDC     2 to 20   mA     2.1   oz     300 Series S.S.   10-32 UNF-2B	3.85x10 <sup>9</sup> N/m     100   Ohms     -73 to +121   °C     1.0 to 2.0   Sec.     0.05   %/°C     +18 to +30   VDC     2 to 20   mA     60   grams     300 Series S.S.   10-32 UNF-2B	10-32 CONNE	O.S.	TAP TYP	2 UNF-2B X .160 DE PED HOLES BOTH ENDS	FORCE OUTPU		FORCE DRIVE T SPECIMEN FORCE SENSO ACCELEN DRIVING FORCE FROM SHAKER	R 1.06 ROMETER	
	21592 Marilla Street, Chatswo	orth, California 91311 Phon		-	thes, units in brackets a		er to 127-5860B for n	nore information.			

INSTRUMENTS, INC.

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