

Model Number 1051V6	PERFORMANCE SPECIFICATION								DOC NO PS1051V6	
		ENSOR, IEPE	ISOR, IEPE						REV A, ECN 12897, 08/18/16	
· · · ·				This family also includes:						
			Model	Sens. (mV/lbf)	Compression Range (lbf)	Max. Compression (lbf)	Tension Range (lbf)	Max. Tension (lbf)	T.C. (sec)	Resolutio (lbf, RMS
	COMPRESSIVE & TENSILE L	OADINGS	1051V1	500	10	200	10	200	50	0.00014
	• EXCELLENT LINEARITY		1051V2	100	50	1000	50	500	100	0.0007
• IEPE, VOLTAGE MODE			1051V3	50	100	2000	100	500	2000	0.0014
			1051V4	10	500	10000	500	500	2000	0.007
			1051V5	5	1,000	15000	500	500	2000	0.014
				performance	specifications of	the products in t	his family for	detailed description	on.	
HYSICAL feight, Max. onnector aterial ensing Element Material Mode ERFORMANCE ensitivity, ± 5 % ompression Range laximum Compression ensitivity esolution nearity [2] esonant Frequency, Unloaded liffness, Force Sensor NVIROMENTAL aximum Vibration, Unloaded emperature Range hermal Coefficient eal	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$			Supplied Accessories: 1) Accredited calibration certificate (ISO 17025) 2) MOD 6210 STEEL IMPACT CAP 3) MOD 6204 1/4-28 MOUNTING STUD Notes: [1] Absolute maximum tension. Do not exceed in any case! [2] Percent of full scale or any lesser range, zero based best-fit straight line method. [3] Power the device only with constant current type power units. Do not apply power to this system without current limiting. This will destroy the integral IC amplifier. TYPICAL LINEARITY 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4						
LECTRICAL utput Voltage F.S utput Impedance ias Voltage ompliance Voltage Range upply Current Range [3] ischarge Time Constant, Nom	±5 V <100	±5 V <100		10-32 CON	.40 VECTOR		.6	-28 TAPPED HOLE, .175 (25 750 750 750 STUD -28 (SUPPLIED)	DEEP	
			Linite on the line of		ahaa unita in braakata	are in millimeters. Refe	r to 107 1051\/ fo	r more information		

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