

MODEL NUMBER 2300V5	PERFORMANCE SPECIFICATION								оос NO. PS2300V5	
		SENSOR, IEPE				REV A, ECN 12998, 10/12/16				
					This family a	also includes:				
	• HIGH FREQUENCY • ULTRA FAST RISE TIME • HERMETIC				Model	Sensitivity (mV/psi)	Range (psi pk)	Resolution (Grms)	Oper. Temp(°F)	TC (Sec)
					2300V1	20 (±15%)	250	0.004	-100 to +250	>2.0
					2300V3	10 (±15%)	500	0.007	-100 to +250	>5.0
1734 2300VX NX					2300V4	5 (±20%)	1000	0.014	-100 to +250	>10.0
					2300V6	0.5 (±20%)	10000	0.14	-100 to +250	>100.0
					2300V7	0.33 (±20%)	15000	0.21	-100 to +250	>5.0
	ENGLISH 0.2 5/16-24 UNF-2A 10-32 COAXIAL Material 17-4ph / 316L 1 5000 15000 0.07 500 1 >500 +/-1 0.003	oz mV/psi psi psi kHz ysec Hz Hz	SI 7 5/16-24 UNF-2A 10-32 COAXIAL 17-4ph / 316L 1.5E-04 3.4E+07 1.0E+08 482.6 500 1 1 >50 +/-1 0.003	grams mV/Pa Pa Pa kHz µsec sec % F.S Hz	Notes: [1] A calibrati [2] Refers to [3] Percent fu [4] Maximum [5] From curr	on certificate traceab maximum pressure b ill scale, zero based fi flash temperature +3 ent limiting IEPE pow rest of constant produ TYPICAL LOW FREQUEI	le to NIST is suppl efore possiblity of t straight line meth 000°F (+1649°C), er unit only. Do no uct improvement, y	lied with each instrui damage to internal o hod. short duration. ot power up without o	ment. electronics. current limiting power	
Acceleration Sensitivity, Axial Direction	0.001	psi/g	6.9E-03	Kpa/g		Frequency (HZ)	10-32 COA	XIAL CONNECTOR	
ENVIRONMENTAL Maximum Vibration, +/- Maximum Shock, +/- Temperature Range [4] Environmental Seal (Welded, Glass to Meta Ground Isolation, Min ELECTRICAL	100	g rms g pk °F MΩ	49050 98100 -73 to +121 Hermetic 100	m/s ² rms m/s ² peak °C ΜΩ		5/ 5/18-24 UN	16 HEX		1.36 [34.47] .83 .[21.13]	
Compliance (Supply) Voltage Range [5] Supply Current Range Output Impedance, Nom. Output Bias Voltage	+18 to +30 2 to 20 100 +7.5 to +9.5	VDC mA Ω VDC	+18 to +30 2 to 20 100 +7.5 to +9.5	VDC mA Ω VDC	Units on the line of	drawing are in inches, units ir	 	ters. Refer to 127-2300V fo	.46 [11.73] or more information.	
INISTRUMENTS,			reet, Chatsworth For permission		a 91311 P	hone: 818.700.7	7818 Fax:818	8.700.7880		