



**SPECIFICATIONS, MODEL 4129M1
TRUE RMS VIBRATION METER**

SPECIFICATION	VALUE	UNITS
FULL SCALE "G" RANGE (for 10 vdc out) [1]	100	G's, RMS
FULL SCALE VOLTAGE RANGE (for 10 vdc out)	1.00	VAC, RMS
OVERALL GAIN	10	
ACCURACY [2]	±1	%FS
FREQUENCY RESPONSE, +/- 5%	5 to 100K	Hz
DC OUTPUT VOLTAGE SWING (FS)	0 to 10	VDC
OUTPUT IMPEDANCE of 0-10 VDC OUTPUT	50	OHMS
OUTPUT IMPEDANCE, MONITOR JACK	100	OHMS
ELECTRICAL JACKS		
ACCEL (SENSOR) INPUT (6)	BNC, REAR PANEL	
0-10 VDC OUTPUT (12)	BNC, (6) REAR PANEL, (6) FRONT PANEL	
MONITOR (1)	BNC, REAR PANEL	
SENSOR SUPPLY CURRENT PER CHANNEL	5.0	mA
SENSOR COMPLIANCE VOLTAGE	+24	VDC
SIZE, (H x W x D) [3]	1.75 x 19.00 x 10.60	INCHES
WEIGHT	5.5	LBS
RACK MOUNT	PER RTMA 19" STANDARD RACK MOUNT	

[1] "G" ranges cited are valid when used with 10.0 mV/G accelerometer such as Dytran's Model 3010B.

[2] 4129M1 only. Accelerometer calibration may add more uncertainty to the system accuracy.

[3] Mounts in standard 19 inch wide equipment rack.