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QUICKVIEW SENSOR CHART

MODEL #	SENSITIVITY		SENSITIVITY TOLERANCE	FREQUENCY RESPONSE @ 3dB			RESONANCE		EXIT TYPE/ CONNECTOR	MAX. OPERATING TEMP.	PAGE NO.
	Metric	English		cpm	Hz	kcprm	kHz				
GENERAL PURPOSE ACCELEROMETERS											
793	10.2 mV/(m/s ²)	100 mV/g	±5%	30 - 900k	0.5 - 15k	1,500	25	top, R6 2 pin	120°C	18	
797	10.2 mV/(m/s ²)	100 mV/g	±5%	60 - 720k	1.0 - 12k	1,560	26	side, R6 2 pin	120°C	19	
766A	10.2 mV/(m/s ²)	100 mV/g	±5%	30 - 840k	0.5 - 14k	1,800	30	top, R6 2 pin	120°C	20	
777 / 777B	10.2 mV/(m/s ²)	100 mV/g	±10%	30 - 720k	0.5 - 12k	1,800	30	top, R6 2 pin	85°C	21	
787A	10.2 mV/(m/s ²)	100 mV/g	±10%	42 - 600k	0.7 - 10k	1,320	22	side, R6 2 pin	120°C	22	
784A	10.2 mV/(m/s ²)	100 mV/g	±20%	120 - 600k	2.0 - 10k	1,500	25	top, R6 2 pin	120°C	23	
785A	10.2 mV/(m/s ²)	100 mV/g	±10%	60 - 720k	1.0 - 12k	1,800	30	side, R6 2 pin	120°C	24	
775A	10.2 mV/(m/s ²)	100 mV/g	±20%	30 - 600k	0.5 - 10k	1,560	26	top, R35	80°C	25	
S100C	10.2 mV/(m/s ²)	100 mV/g	±20%	30 - 600k	0.5 - 10k	1,800	30	top, R35	80°C	26	
S100CS	10.2 mV/(m/s ²)	100 mV/g	±20%	30 - 600k	0.5 - 10k	1,560	26	top, R35	80°C	27	
LOW FREQUENCY ACCELEROMETERS											
793L	51 mV/(m/s ²)	500 mV/g	±5%	12 - 138k	0.2 - 2.3k	900	15	top, R6 2 pin	120°C	29	
797L	51 mV/(m/s ²)	500 mV/g	±5%	12 - 222k	0.2 - 3.7k	1,080	18	side, R6 2 pin	120°C	30	
799LF	51 mV/(m/s ²)	500 mV/g	±5%	6 - 150k	0.1 - 2.5k	1,080	18	top, R6 2 pin	120°C	31	
799M	102 mV/(m/s ²)	1,000 mV/g	±5%	12 - 150k	0.2 - 2.5k	1,080	18	top, R6 2 pin	80°C	32	
HIGH FREQUENCY ACCELEROMETERS											
712F	10.2 mV/(m/s ²)	100 mV/g	±10%	180 - 1.5k	3.0 - 25k	2,700	>45	side, integral cable	120°C	34	
732A/732AT	1.02 mV/(m/s ²)	10 mV/g	±5%	30 - 1.5k	0.5 - 25k	3,600	60	side, R1 10-32 coaxial	120°C	35	
736/736T	10.2 mV/(m/s ²)	100 mV/g	±5%	120 - 1.5k	2.0 - 25k	3,600	60	side, R1 10-32 coaxial	120°C	36	
PIEZOVLOCITY TRANSDUCERS (PVT®)											
793V	3.94 mV/mm/s	100 mV/in/sec	±10%	90 - 420k	1.5 - 7k	900	15	top, R6 2 pin	120°C	38	
797V	3.94 mV/mm/s	100 mV/in/sec	±10%	90 - 420k	1.6 - 7k	1,080	18	side, R6 2 pin	120°C	39	
TRIAXIAL ACCELEROMETERS											
993A	10.2 mV/(m/s ²)	100 mV/g	±10%	120 - 120k	2 - 20k	N/A	N/A	side, R9W 4 pin	120°C	46	
993A-5	10.2 mV/(m/s ²)	100 mV/g	±10%	120 - 120k	2 - 20k	N/A	N/A	top, integral cable	120°C	47	
993B-5	2.55 mV/(m/s ²)	25mV/g	±10%	120 - 600k	2 - 10k (z axis)	N/A	N/A	top, integral cable	120°C	48	
993B-6	5.1 mV/(m/s ²)	50mV/g	±10%	120 - 420k	2 - 7k (x&y axis)	N/A	N/A	top, integral cable	120°C	48	
993B-7	10.2 mV/(m/s ²)	100 mV/g	±10%	120 - 420k	2 - 10k (z axis)	N/A	N/A	top, integral cable	120°C	48	
HIGH TEMPERATURE ACCELEROMETERS											
376	2.55 pC/(m/s ²)	25 pC/g	±10%	60 - 720k	1 - 12k	1,800	30	top, R1 10-32 coaxial	260°C	41	
376 / CC701HT	10.2 mV/(m/s ²)	100 mV/g	±10%	60 - 720k	1 - 12k	1,800	30	inline, 10-32 coaxial	260°C	42	
793-6	10.2 mV/(m/s ²)	100 mV/g	±10%	60 - 720k	1 - 12k	1,200	20	top, R6 2 pin	150°C	43	
797-6	10.2 mV/(m/s ²)	100 mV/g	±10%	60 - 660k	1 - 11k	1,200	20	side, R6 2 pin	150°C	44	
4-20 MA OUTPUT VIBRATION LOOP POWERED SENSORS (LPS™)											
PC420A	N/A	4-20mA	±5%	120 - 120k	2 - 2k	1,080	18	top, R6 2 pin	85°C	51	
PC420V	N/A	4-20mA	±5%	120 - 120k	2 - 2k	1,080	18	top, R6 2 pin	85°C	52	
PC420V2	N/A	4-20mA	±5%	120 - 120k	2 - 2k	1,080	18	top, R19	85°C	53	
	3.94 mV/mm/s	100 mV/in/sec		120 - 180k	2 - 3k (dynamic)						

QUICKVIEW SENSOR CHART (cont.)

MODEL #	SENSITIVITY		SENSITIVITY TOLERANCE	FREQUENCY RESPONSE @ 3dB			RESONANCE		EXIT TYPE/ CONNECTOR	MAX. OPERATING TEMP.	PAGE NO.
	Metric	English		cpm	Hz	kcpm	kHz				
DUAL OUTPUT SENSORS											
793T-3	10.2 mV/(m/s ²)	100 mV/g	±5%	30 - 900k	0.5 - 15k	1,440	24	top, R6G 3 pin	120°C	48	
797T-1	10.2 mV/(m/s ²)	100 mV/g	±5%	60 - 720k	1 - 12k	1,560	26	side, R6G 3 pin	120°C	53	
797LT	51 mV/(m/s ²)	500 mV/g	±5%	12 - 222k	0.2 - 3.7k	1,080	18	side, R6G 3 pin	120°C	50	
SPECIALTY SENSORS											
221A	10.2 mV/(m/s ²)	100 mV/g	±10%	30 - 420k	0.5 - 7k	780	13	top, R35	80°C	59	
221B	10.2 mV/(m/s ²)	100 mV/g	±20%	30 - 60k	0.5 - 10k	1,080	18	top, R35	80°C	60	
222A	10.2 mV/(m/s ²)	100 mV/g	±20%	30 - 90k	0.5 - 8.5k	1,380	23	top, R6 2 pin	120°C	61	
996LD	1.22 mV/(m/s ²)	12 V/g	±3dB	600 - 240k	10 - 4k	840	14	top, R6 2 pin	80°C	62	
H571LD-1A	-	-187 dB re 1V/μPa	±3dB	300 - 1.2M	5.0 - 20k	-	-	top, R4 3 pin	60°C	63	
H571LD-2	-	-175 dB re 1V/μPa	±3dB	300 - 1.2M	5.0 - 20k	-	-	top, R4 3 pin	60°C	64	
TEST & MEASUREMENT SENSORS											
726 / 726T	10.2 mV/(m/s ²)	100 mV/g	±5%	36 - 900k	0.6 - 15k	1,920	32	side / top, 10-32 coaxial	120°C	66	
728A / 728T	51 mV/(m/s ²)	500 mV/g	±5%	60 - 600k	1.0 - 10k	1,440	24	side / top, 10-32 coaxial	120°C	67	
SEISMIC SENSORS											
731A	1.02 V/(m/s ²)	10 V/g	±10%	3 - 30k	0.05 - 500	49	.815	top, R6 2 pin	65°C	69	
731A / P31	selectable	selectable	selectable	3 - 30k	0.05 - 500	49	.815	top, R6 2 pin	65°C	70	
731-207	1.02 V/(m/s ²)	10 V/g	±10%	12 - 78k	0.2 - 1.3k	144	2.4	top, 10-32 coaxial	80°C	71	
UNDERWATER ACCELEROMETERS											
746	10.2 mV/(m/s ²)	100 mV/g	±5%	60 - 900k	1.0 - 15k	1,800	30	top, integral cable	80°C	88	
754	1.02 mV/(m/s ²)	10 mV/g	±10%	120 - 1500k	2.0 - 25k	3,600	60	side, Integral cable	80°C	89	
757	10.2 mV/(m/s ²)	100 mV/g	±10%	120 - 120k	2.0 - 2k @ 10%	-	-	side, Integral cable	80°C	90	
HYDROPHONES											
H505L	-	-160 dB re 1V/μPa	±10%	120 - 60k	2.0 - 10k	-	-	integral cable	80°C	92	
H507A	-	-188 dB re 1V/μPa	±10%	600 - 6.0M	10 - 100k	-	-	integral cable	80°C	93	
HELICOPTER SENSORS											
991D	-	40 mV/g	±5%	30 - 720k	0.5 - 12k	1,200	20	top, R4V 3 pin	120°C	95	
991V	-	20 mV/ips	±10%	150 - 420k	2.5 - 7k	1,200	20	top, R4V 4 pin	120°C	96	
992-1	-	10 mV/g	±10%	120 - 1.2M	2.0 - 20k @ 1.5 dB	2,100	35	integral cable	100°C	97	

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