







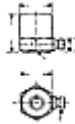
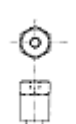
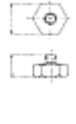
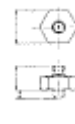

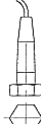













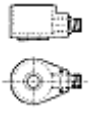
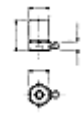
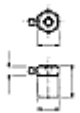
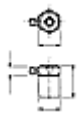
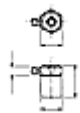
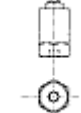
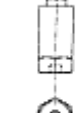


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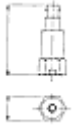


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CHARGE OUTPUT ACCELEROMETERS							
							
	1008	1009	1008T	1020	1021	1024	1020w/ 1021w
pc/g Nominal Charge Sensitivity	30	10	30	6.0	6.0	6.0	6.0
Frequency Response ±5%	0.5-8,000Hz	0.5-11,000Hz	0.5-8,000Hz	5-3,000Hz	5-3,000Hz	5-3,000Hz	5-3,000Hz
Dynamic Range Peak g.	0.015-15,000	0.045-45,000	0.0145-15,000	.05-500	.05-500	.05-500	.05-500
Temperature Range °C	-75 +250	-75 +250	-75 +250	-60 +125	-60 +125	-60 +125	-60 +200
Mounted Resonant Frequency KHz	>40	>55	>40	8.5	8.5	8.5	8.5
Weight grams	21	17	21	6	6.5	35	6.5
Transverse Sensitivity %	<5	<5	<5	<5	<5	<5	<5
Operating Mode	Compression	Compression	Compression	Shear	Shear	Shear	Shear
Mounting	Tapped M5 Thread	Tapped M5 Thread	Tapped M5 Thread	Adhesive	M5 Thread	2xM3x20 Screws	Adhesive or M5 Thread
Connector Type	10-32 UNF Co-Axial	10-32 UNF Co-Axial	10-32 UNF Co-Axial	10-32 UNF Co-Axial	10-32 UNF Co-Axial	3x10-32 UNF Co-Axial	None sealed for underwater use
Cable Assembly	1200-xx	1200-xx	1200-xx	1200-xx	1200-xx	1200-xx	1200-xx
Case Material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless steel	Stainless Steel	Hard Anodised Aluminium	Stainless Steel
Dimensions							

INTERNALLY AMPLIFIED ACCELEROMETERS

									
	1027-10	1030	1035	1036	1035T	1037	1037T	1060	1080
m V/g Nominal Sensitivity	10	10	10	10	10	100	100	10	10
Frequency Response Hz	2-10,000 ±5%	1-10,000 ±5%	9-10,000 ±5%	4-10,000 ±5%	.9-10,000 ±10%	2-10,000 ±10%	2-10,000 ±10%	.9-10,000 ±10%	±2% -80 ±5% 80-5,000
Dynamic Range. g	±500	±500	±500	±100	±500	±50	±50	±500	±500
Temperature Response °C	-55 +125 ±5%	<5% -50 +125 <15% -60 +200	-50 +125 ±5%	-50 +125 ±5%	-50 +125 ±5%	-50 +125 ±5%	-50 +125 ±5%	-60 +200 ±10%	-60 +200 ±10%
Mounted Resonant Frequency KHz	>30	>50	>50	>50	>50	>25	>25	>20	>20
Transverse Sensitivity%	<5	5	<5	<5	<5	<5	<5	<5	5max
Drive Voltage Range	+18 to +24	+12 to +30	+12 to +30	+4 to 12	+12 to +30	+12 to +30	+12 to +30	+12 to +30	18 to 30
Constant Current Range mA _{dc}	1 to 10	1 to 5	1 to 10	0.025 to 1	1 to 10	1 to 10	1 to 10	1 to 5	0.5 to 10
Output Impedance	<100	300	<100	<100 @ 1mA <2.00 @25µA	<100	<100	<100	300	300
Weight. grams	11.	20	20	20	20	30	30	52	135
Mounting	Isolated Stainless Steel M4 or 6-32 UNF	Tapped M5 or 10-32 UNF	Tapped M5 or 10-32 UNF	Tapped M5 or 10-32 UNF	Tapped M5 or 10-32 UNF	Tapped M5 or 10-32 UNF	Tapped M5 or 10-32 UNF	M8 Stud or Stud 1/4-28 UNF Stud Isolated	M6 Bolt or 1/4- 28 UNF Bolt
Connector Type	10-32 UNF Co-Axial	10-32 UNF Co-Axial	10-32 UNF Co-Axial	10-32 UNF Co-Axial	10-32 UNF Co-Axial	10-32 UNF Co-Axial	10-32 UNF Co-Axial	2 pin Glass Sealed	4 pin Mil Spec
Cable	1200-xx	1200-xx	1200-xx	1200-xx	1200-xx	1200-xx	1200-xx	1260-xx	1280-xx
Case Material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Dimensions									

HIGH TEMPERATURE AND RUGGED INDUSTRIAL ACCELEROMETERS

	 1060	 1061	 1070	 1074
Acceleration Sensitivity mV/g	10	100	100	50 to 1000
Velocity Sensitivity mV/mm/sec	NA	NA	10	5 to 25
Dynamic Range. g	±500	±50	±50	±50
Velocity Range mm/sec	NA	NA	50	25
Acceleration Frequency Response	0.9 to 10,000	2 to 5,000	10 to 3,000	2 to 5,000
Velocity Frequency Response	NA	NA	10 to 1,000	10 to 1,000
Temperature Response °C	-60 to +200 ±10%	-40 to +125 ±5%	-20 to +400 ±10%	-40 to +125 ±5%
Acceleration Limit (shock - g)	2,000	500	500	500
Power Requirement Vdc	+12 to +30	+18 to +30	+24 to +30	+24 to +30
Constant Current Supply mAdc	1 to 5	1 to 10	25	1 to 10
Weight grams	52	75	500	500
Mounting	M8 Stud or 1/4-28 UNF Stud	1/4-28 UNF Stud Isolated	4x4.5mm holes 30mm centres	4x4.5mm holes 30mm centres
Connector	2 Pin Glass Sealed	Optional See notes	4 Pin 62GB 16J8 45	Optional See notes
Cable	1260-xx	1261-xx	1270-xx see notes	1274-xx see notes
Dimensions				

Reference Grade		
	 1010	 1018
Charge Sensitivity	10pc-pk/ g-pK	10p-pK / g-pK
Resonant Frequency KHz	50	50
Dynamic Range. g	0.01-100	0.01-100
Amplitude Linearity	±2%	±2%
Frequency Response	Refer to Specification Sheet	Refer to Specification Sheet
Transverse Sensitivity%	<5%	<5%
Case Material	Stainless Steel	Titanium
Weight grams	100	530
Mounting (base)	M8 Stud	4x5.6mm holes 50mm centres
Mounting (top)	M5 or 10-32 UNF Tapped	3xM5 on 53.9 (PCP 1xM8 Centre)
Connector	10-32 UNF Co-Axial	10-32 UNF Co-Axial
Dimensions	