Model Number 3741F122G	DC RESPONSE ACC				ELEROMETER Revisi				
Performance Sensitivity(± 3 %) Measurement Range Frequency Range(± 5 %)	ENGLISH SI OPTIONAL VERSIONS 1,350 mV/g 137.6 mV/(m/s²) [1] Optional versions have identical specifications and accessories as listed for the standa where noted below. More than one option may be used. ± 2 g pk ± 19.6 m/s² pk 0 to 250 Hz 0 to 250 Hz 0 to 250 Hz								
Frequency Range(± 10 %) Resonant Frequency Phase Response(10 Hz) Non-Linearity(Typical) Non-Linearity(Max) Broadband Resolution(0.5 to 100 Hz)	0 to 350 Hz 1.2 kHz < 2.5 ° 0.3 % 1 % 0.06 mg rms	0 to 350 Hz 1.2 KHz < 2.5 ° 0.3 % 1 % 0.0006 m/s ² rms	[2] [3] [3] [2]						
Transverse Sensitivity(Typical) Transverse Sensitivity(Max) Environmental Overload Limit(Shock) Temperature Range(Operating)	1 % 3 % ± 5,000 g pk -65 to 250 °F	1% 3% ± 49,050 m/s² pk -54.0 to 121 ℃	[-]						
Temperature Range(Storage) Temperature Coefficient of Sensitivity Zero g Offset Temperature Coefficient Base Strain Sensitivity Magnetic Sensitivity	-65 to 250 °F ±1% ±1% FSO .001g/με 40μg/gauss	-54.0 to 121 °C ± 1 % ± 1 % FSO .01 (m/s ²)/με 3.9 (m/s ²)/Tesla	[4][2] [5][4][2] [2] [2]						
Electrical Excitation Voltage Current Consumption Output Impedance Offset Voltage(0 g)	5 to 32 VDC ≤ 5 mA ≤ 120 Ohm ± 20 mVDC	5 to 32 VDC ≤ 5 mA ≤ 120 Ohm ± 20 mVDC	[6]						
Common Mode Voltage(± 0.1 VDC) Spectral Noise(1 Hz) Spectral Noise(10 Hz) Spectral Noise(100 Hz) Electrical Isolation(Case)	+ 1.65 VDC 6 μg/√Hz 6 μg/√Hz 6 μg/√Hz > 10 ⁸ Ohm	+ 1.65 VDC 59 (µm/s²)/√Hz 59 (µm/s²)/√Hz 59 (µm/s²)/√Hz > 10 ⁸ Ohm	[2] [2] [2] [7]						
Physical Housing Material Sealing Size (Height x Length x Width)	Anodized Aluminum Epoxy 0.30 in x 1.00 in x .85 in	Anodized Aluminum Epoxy 7.62 mm x 25.4 mm x 21.6 mm							
Weight(without cable) Electrical Connector Electrical Connection Position Cable Termination Cable Termination Cable Length Mounting	0.35 oz Integral Cable Side Pigtail Ends 010 4-cond Shielded 10 ft Through Holes (2)	9.92 gm Integral Cable Side Pigtail Ends 010 4- cond Shielded 3 m Through Holes (2)	[2]	NOTES: [1]Measured at 5 Hz, 0.5 grms. [2]Typical. [3]Zero-based, least-squares, straight line method. [4]-65 to +250 °F, ref. 75 °F (-54 to +121 °C, ref. 24 °C) [5]FSO= Full Scale Output over the Measurement Range [6]Offset tolerance is based on manufacturers supplied cable length. [7]Case and shield to mounting surface or cable leads. [8]See PCB Declaration of Conformance PS027 for details.					
C E				Model 081A103 M Model ACS-85 Ph Model M081A103 OPTIONAL AC	SUPPLIED ACCESSORIES: Model 081A103 Mounting screw (2) Model ACS-85 Phase and Magnitude calibration from 0.5 Hz to 5% pt Linear scale (1) Model M081A103 Mounting screw and washer, M3 x 0.5 thread (2) OPTIONAL ACCESSORIES: Model 080A208 Triaxial mounting block				
				Entered: ND	Engineer: NJF	Sales: JM	Approved: BAM	Spec Number:	
				Date: 05/08/2023	Date: 05/08/2023	Date: 05/08/2023	Date: 05/08/2023	69810	
All specifications are at room temperature In the interest of constant product improver		nange specifications without r	notice.		PIEZOTRO AN AMPHENOL nue, Depew, NY 1404	COMPANY Fax: 71 E-Mail:	716-684-0001 6-684-0987 info@pcb.com	-	