Model Number 102B10	ICP® PRESSURE SENSOR							Revision: A ECN #: 54975
Performance Measurement Range(for ±5V output) Useful Overrange(for ± 10V output) Sensitivity(± 15 %) Maximum Pressure(step) Maximum Pressure(Total) Resolution Resonant Frequency Rise Time(Reflected) Low Frequency Response(- 5 %) Non-Linearity Environmental Acceleration Sensitivity Temperature Range(Operating) Temperature Coefficient of Sensitivity Maximum Vibration Maximum Shock Electrical Output Polarity(Positive Pressure) Discharge Time Constant(at room temp) Excitation Voltage Constant Current Excitation Output Impedance Output Bias Voltage Physical Sensing Element Housing Material Thread Adaptor Material Diaphragm Sealing Electrical Connector Weight	ENGLISH 100 psi 200 psi 50 mV/psi 1,000 psi 15 kpsi 2 mpsi \geq 250 kHz \leq 2.0 μ sec 0.50 Hz \leq 1.0 % FS 0.002 psi/g -320 to +212 °F \leq 0.06 %/°F 2,000 g pk 20,000 g pk 20,000 g pk 20,000 g pk 20,000 g pk 20,000 g pk 20 to 30 VDC 2 to 20 mA < 100 Ohm 8 to 14 VDC Quartz 304L/316L Stainless Steel 316L Stainless Steel 3	SI 690 kPa 1,380 kPa 7.25 mV/kPa 6,900 kPa 103,425 kPa 0.014 kPa ≥ 250 kHz ≤ 2.0 µ sec 0.50 Hz ≤ 1.0 % FS 0.0014 kPa/(m/s ²) -196 to +100 °C ≤ 0.108 %/°C 19,600 m/s ² pk 196,000 m/s ² pk 196,000 m/s ² pk 20 to 30 VDC 2 to 20 mA < 100 Ohm 8 to 14 VDC Quartz 304L/316L Stainless Steel 316L Stainless Ste	[1] [2] [3] [4] [3]	OPTIONAL VERSIONS Optional versions have identical specifications and accessories as listed for the standar where noted below. More than one option may be used. M - Metric Mount Supplied Accessory: Model 065A34 Seal ring 0.435" OD x 0.397" ID x 0.030" Cu (3) Supplied Accessory: Model 065A34 Seal ring 0.435" OD x 0.397" ID x 0.030" Cu (3) Image: Supplied Accessory: Model 065A34 Seal ring 0.435" OD x 0.397" ID x 0.030" Cu (3) Image: Supplied Accessory: Model 065A34 Seal ring 0.435" OD x 0.397" ID x 0.030" Cu (3) Image: Supplied Accessory: Model 065A34 Seal ring 0.435" OD x 0.397" ID x 0.030" Cu (3) Image: Supplied Accessory: Model 065A34 Seal ring 0.435" OD x 0.397" ID x 0.030" Cu (3) Image: Supplied Accessory: Model 065A34 Seal ring 0.435" OD x 0.397" ID x 0.030" Cu (3) Image: Supplied Accessory: Model 065A34 Seal ring 0.435" OD x 0.397" ID x 0.030" Cu (3) Image: Supplied Accessory: Model 065A34 Seal ring 0.435" OD x 0.397" ID x 0.030" Cu (3) Image: Supplied Accessory: Model 065A34 Seal ring 0.435" OD x 0.397" ID x 0.030" Cu (3) Image: Supplied Accessory: Model 065A34 Seal ring 0.435" OD x 0.397" ID x 0.030" Cu (3) Image: Supplied Accessory: Model 065A34 Seal ring 0.435" OD x 0.397" ID x 0.030" Cu (3) Image: Supplied Accessory: Model 065A34 Seal ring 0.435" OD x 0.397" ID x 0.030" Cu (3) Image: Supplied Accessory: Model 065A34 Seal ring 0.435" OD x 0.397" ID x 0.030" Cu (3) Image: Supplied Accessory: Supplied				tandard model except u (3) ery slowly. Rate should to normal
CE UK [5] All specifications are at room temperature In the interest of constant product improve ICP [®] is a registered trademark of PCB Pieze	unless otherwise specified. ment, we reserve the right to ch otronics, Inc.	nange specifications without n	notice.	[4]Zero-based, I [5]See PCB Decl SUPPLIED AC Model 065A44 St Model PCS-10AA 320°F / -196°C lin Model PCS-1AZ St Entered: ND Date: 07/16/2024	east-squares, straight aration of Conforman CCESSORIES: eal ring 0.435" OD x 0. \ Single point sensitivit nit) Sensitivity calibration a Engineer: AJA Date: 07/16/2024 PIEZOTRO AN AMPHENDL Date, Depew, NY 1404	Ine method. ce PS023 for details. 377" ID x 0.030" thk details. at 100% and 10% of s Sales: RWM Date: 07/16/2024 Phone: 7 Fax: 716 E-Mail: 1 3	Cu (3) or minimum operat ensor range Approved: RPF Date: 07/16/202 1664-0987 info@pcb.com	ing temperature (- Spec Number: 4 74947