

Micro ICP[®] Pressure Sensor

For sensing shock waves and high speed dynamic pressure

September 13, 2017 Depew, NY – PCB's new micro ICP[®] Pressure Sensor, Model 132B38, is suited for wind tunnel applications that require very small test sensors and very high frequency response. This improved design features a centered sensing element which improves accuracy of time of arrival, targeting, sniper/projectile detection systems, and aerodynamic testing in high speed wind tunnels. Model 132B38 measures high frequency pressure phenomena and can resolve short wave length, dynamic pressure pulses.

This pressure sensor measures shock waves above 11 kHz and up to 1 MHz. With a measurement range of 50 psi and a resolution of 0.001 psi, it is sensitive enough to measure standing waves associated with boundary-layer transitions and the bow and stern of shock waves created by projectiles. The sensor features a stainless steel housing and a 10-foot integral cable that terminates in a 10-32 coaxial jack. This product is available for immediate shipment.

For additional information, visit: <https://www.pcb.com/Aerospace/windtunnelsensorspressure>



132B38 Micro ICP[®] Pressure Sensor from PCB Piezotronics, Inc.

About PCB Piezotronics, Inc.

PCB Piezotronics, Inc. is a designer and manufacturer of microphones, vibration, pressure, force, torque, load, and strain sensors, as well as the pioneer of ICP[®] technology used by design engineers and predictive maintenance professionals worldwide for test, measurement, monitoring, and control requirements in automotive, aerospace, industrial, R&D, military, educational, commercial, OEM applications, and more. With a worldwide customer support team, 24-hour SensorLineSM, and a global distribution network, PCB[®] is committed to Total Customer Satisfaction. Visit www.pcb.com for more information. PCB Piezotronics, Inc. is a wholly owned subsidiary of MTS Systems Corporation. Additional information on MTS can be found at www.mts.com.

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