

New Helium Bleed ICP[®] Pressure Sensor

Save time and money with screw-in replacement water cooling tubes

September 7, 2017, Depew, NY – PCB's new Helium Bleed, water-cooled ICP[®] Pressure Sensor was developed for rocket motor combustion instability measurements. Helium flow increases frequency response of the short connecting passage. Model 123B22 is field serviceable with screw-in replacement water cooling tubes (PCB[®] Model 065A72). These replacement cooling tubes can easily be swapped out in the field, eliminating the costs and down-time associated with factory repair.

Water flow through the cooling tubes protects against intense heat flow associated with rocket motor environments. This provides a stable operating temperature for the sensor in test environments with rapidly changing temperatures. This high temperature pressure sensor has an operating temperature range of -100 to +250 °F (-73 to +121 °C) and excellent resolution. It features a measurement range of 3,000 psi (20,685 kPa) with a maximum pressure of 5,000 psi (34,475 kPa). Integrated ICP[®] electronics inside Model 123B22 have a low impedance voltage output capable of being transmitted over long cable lengths. A rugged, 4-foot integral cable is attached to the sensor which terminates in a 10-32 plug connector.

This model is available for immediate shipment. For additional information, visit:

<https://www.pcb.com/123Series>



Helium Bleed ICP[®] Pressure Sensor Model 123B22 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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