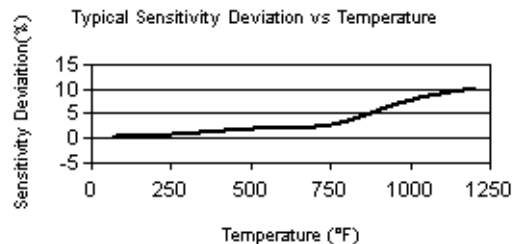


Model Number 176M 46A		CHARGE OUTPUT PRESSURE SENSOR		Revision: C ECN #: 55976
Performance Sensitivity(+/- 20 %) Measurement Range Maximum Pressure(Total) Resonant Frequency Transverse Resonance Non-Linearity Environmental Acceleration Sensitivity Acceleration Sensitivity Temperature Range(Operating) Temperature Range(Receptacle) Temperature Response Hazardous Area Approval Electrical Output Polarity(Differential) Capacitance(with cable) Resistance(Pin-Pin)(Room Temp) Resistance(Pin-Case)(Room Temp) Resistance(Pin-Pin)(1200°F/650°C) Resistance(Pin-Case)(1200°F/650°C) Physical Sensing Geometry Housing Material Sealing Electrical Connector Electrical Connector Cable Type Weight		ENGLISH 15 pC/psi 10 psi 2,000 psi ≥ 50 kHz ≥ 5 kHz ≤ 1 % FS 0.01 psi/g .003 psi/g 1,200 °F 500 °F See Graph See Manual Differential 150 pF ≥ 10 ¹² Ohm ≥ 10 ¹² Ohm ≥ 50 kohm ≤ 100 kohm Compression Inconel Welded Hermetic 2-Pin Integral Cable 2-conductor 5.5 oz		SI 217.5 pC/bar .69 bar 137.9 kPa ≥ 50 kHz ≥ 5 kHz ≤ 1 % FS .00069 bar/g .00021 bar/g 650 °C 260 °C See Graph See Manual Differential 150 pF ≥ 10 ¹² Ohm ≥ 10 ¹² Ohm ≥ 50 kohm ≤ 100 kohm Compression Inconel Welded Hermetic 2-Pin Integral Cable 2-conductor 155 gm
		OPTIONAL VERSIONS Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.		
		NOTES: [1]Zero-based, least-squares, straight line method. [2]Maximum. [3]Typical. [4]See PCB Declaration of Conformance PS058 for details.		
		SUPPLIED ACCESSORIES: Model 40890-03 SILVER PLATED, SS SEAL (3) Model PCS-1 Calibration of dynamic pressure sensors up to 100% range		
		Entered: ND	Engineer: MP	Sales: DPC
		Approved: RPF	Spec Number:	
		Date: 08/07/2025	Date: 08/07/2025	Date: 08/07/2025
		Date: 08/07/2025	Date: 08/07/2025	76663
		PCB PIEZOTRONICS AN AMPHENOL COMPANY Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com 3425 Walden Avenue, Depew, NY 14043		



All specifications are at room temperature unless otherwise specified.
In the interest of constant product improvement, we reserve the right to change specifications without notice.
ICP® is a registered trademark of PCB Piezotronics, Inc.