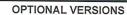
	137B23B	ICP® PRESSURE SENSO				
	Performance		ENGLISH	SI		
ı	Measurement Range(for	r ±5V output)	50 psi	345 kPa		Optional versions ha
ı	Useful Overrange(for ± 1	10V output)	100 psi	690 kPa	[1]	exc
ı	Sensitivity(± 15 %)		100 mV/psi	14.5 mV/kPa		
ı	Maximum Pressure		1 kpsi	6895 kPa		
ı	Resolution		10 mpsi	0.069 kPa	[2]	
I	Resonant Frequency		≥ 400 kHz	≥ 400 kHz		
ı	Rise Time(Incident)		≤ 6.5 µ sec	≤ 6.5 µ sec		
١	Non-Linearity		≤ 1.0 % FS	≤ 1.0 % FS	[3]	
١	Environmental					
I	Temperature Range(Op-		-100 to +275 °F	-73 to +135 °C		
١	Temperature Coefficient	of Sensitivity	≤ 0.05 %/°F	≤ 0.090 %/°C		NOTES:
ı	Electrical					[1] For +10 volt out
ı	Discharge Time Constar	nt(at room temp)	≥ 0.2 sec	≥ 0.2 sec		be limited by ou
ı	Excitation Voltage		22 to 30 VDC	22 to 30 VDC		[2] Typical.
I	Constant Current Excitat	tion	2 to 20 mA	2 to 20 mA		[3] Zero-based, lea
ı	Output Impedance		≤ 100 Ohm	≤ 100 Ohm		[4] See PCB Decla
I	Output Bias Voltage		8 to 14 VDC	8 to 14 VDC		
Ì	Physical					
ı	Sensing Geometry		Compression	Compression		
I	Sensing Element		Quartz	Quartz		
ı	Housing Material		Aluminum	Aluminum		
ı	Diaphragm		Invar	Invar		
I	Sealing		Epoxy	Epoxy		SUPPLIED ACC
I	Electrical Connector		BNC Jack	BNC Jack		Model PCS-6 Calib
I	Weight		12.4 oz	352 gm	[2]	l son so so dallo
1						



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] For +10 volt output, minimum 24 VDC supply voltage required. Negative 10 volt output may be limited by output bias.
 [2] Typical.

- [3] Zero-based, least-squares, straight line method.
 [4] See PCB Declaration of Conformance PS023 for details.

SUPPLIED ACCESSORIES:

Model PCS-6 Calibration of Series 134, 137, and 138 (1)

Entered: ECB	Engineer: MJN	Sales: RWM	Approved: TB	Spec Number:
Date: 7/26/2012	Date: 7/26/2012	Date: 7/26/2012	Date: 7/26/2012	46932



Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com

Revision: B

ECN #: 39466



Model Number

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^{\circledR} is a registered trademark of PCB Group, Inc.