



Model Number 410B01		ICP® SENSOR SIGNAL CONDITIONER WITH PEAK HOLD OUTPUT SIGNAL				Revision: C ECN #: 39690											
Performance		ENGLISH		SI		OPTIONAL VERSIONS											
Channels	1	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.													
Voltage Gain	X0.5 X1 X2 X4 X8 X10 X16	X0.5 X1 X2 X4 X8 X10 X16															
	X20	X20															
Output Range(Peak Hold)	0 to 10 V	0 to 10 V															
Output Range(Analog Signal)	± 10 V	± 10 V															
Low Frequency Response(-5 %)(AC mode)	0.5 Hz	0.5 Hz		NOTES: [1] Optically isolated contact closure. [2] See PCB Declaration of Conformance PS024 for details.													
Low Frequency Response(DC mode)	0 Hz	0 Hz															
High Frequency Response	10 kHz	10 kHz															
Environmental																	
Temperature Range	60 to 110 °F	15 to 45 °C															
Electrical				SUPPLIED ACCESSORIES: Model 070A95 SMA plug to BNC jack adapter (1)													
Excitation Voltage(To Sensor)	18 VDC	18 VDC															
DC Offset(After reset)	± 35 mV	± 35 mV															
DC Power(± 10 %)	24 VDC	24 VDC															
Constant Current Excitation(To Sensor)	4 mA	4 mA															
Discharge Time Constant	1 sec	1 sec		<table><tr><td>Entered: AP</td><td>Engineer: AJP</td><td>Sales: JJM</td><td>Approved: JWH</td><td>Spec Number:</td></tr><tr><td>Date: 1/31/2013</td><td>Date: 1/31/2013</td><td>Date: 1/31/2013</td><td>Date: 1/31/2013</td><td>40189</td></tr></table>				Entered: AP	Engineer: AJP	Sales: JJM	Approved: JWH	Spec Number:	Date: 1/31/2013	Date: 1/31/2013	Date: 1/31/2013	Date: 1/31/2013	40189
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Broadband Electrical Noise(1 to 10 kHz)(Gain x1)	20 µV rms	20 µV rms															
Physical																	
Electrical Connector(ICP® Sensor Input)	SMA coaxial socket	SMA coaxial socket															
Electrical Connector(Output)	Screw Terminals	Screw Terminals															
Electrical Connector(DC Power Input)	Screw Terminals	Screw Terminals															
Electrical Connector(Peak Hold Reset)	Screw Terminals	Screw Terminals															
Mounting	DIN Rail	DIN Rail		 3425 Walden Avenue, Depew, NY 14043 Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com													
Size (Height x Width x Length)	4.39 in x 0.88 in x 3.63 in	111.5 mm x 22.4 mm x 92.2 mm															
Weight	0.25 lb	113.4 gm															
																	
[2]																	
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 Group, Inc.																	