



Model Number 483C05	EIGHT-CHANNEL, ICP® SENSOR SIGNAL CONDITIONER		Revision: G ECN #: 43617
Performance	ENGLISH	SI	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.
Channels	8	8	
Sensor Input Type(s)	ICP®	ICP®	NOTES: [1]User adjustable, factory set at 4 mA (± 0.5 mA). Each control adjusts 4 channels. [2]With ≥ 1M ohm input impedance of readout device. [3]Un-buffered output, read out device input impedance affects discharge time constant and low frequency response of unit. [4]Typical. [5]See PCB Declaration of Conformance PS024 for details.
Output Range(Maximum)	± 10 V	± 10 V	
Low Frequency Response(-5 %)	<0.1 Hz	<0.1 Hz	
High Frequency Response(-5 %)	>1000 kHz	>1000 kHz	
Phase Response(at 1 kHz)	± 1 °	± 1 °	
Cross Talk(maximum)	-72 dB	-72 dB	
Fault/Bias Monitor/Meter(LED)	Open/Short/Overload	Open/Short/Overload	
Environmental			
Temperature Range(Operating)	+32 to +122 °F	0 to +50 °C	
Electrical			
Power Required	AC Power	AC Power	
AC Power(47 to 63 Hz)	100 to 240 VAC	100 to 240 VAC	
AC Power	≤ 0.7 Amps	≤ 0.7 Amps	
Excitation Voltage(± 1 VDC)(To Sensor)	+26 VDC	+26 VDC	
DC Offset	<20 mV	<20 mV	
Constant Current Excitation(To Sensor)	0 to 20 mA	0 to 20 mA	
Overload Threshold(± 1.0 Vpk)	± 10 Vpk	± 10 Vpk	
Discharge Time Constant(0 to 50 %)	>5 sec	>5 sec	
Broadband Electrical Noise(1 to 10,000 Hz)	3.5 µV rms	3.5 µV rms	
Spectral Noise(1 Hz)	1.30 µV/√Hz	1.30 µV/√Hz	
Spectral Noise(10 Hz)	0.10 µV/√Hz	0.10 µV/√Hz	
Spectral Noise(100 Hz)	0.08 µV/√Hz	0.08 µV/√Hz	
Spectral Noise(1 kHz)	0.07 µV/√Hz	0.07 µV/√Hz	
Spectral Noise(10 kHz)	0.07 µV/√Hz	0.07 µV/√Hz	
Physical			
Electrical Connector(ICP® Sensor Input)	BNC Jack	BNC Jack	
Electrical Connector(Output)	BNC Jack	BNC Jack	
Electrical Connector(AC Power Input)	IEC 320	IEC 320	
Size (Height x Width x Depth)(nominal)	1.75 in x 19 in x 13.7 in	44.5. mm x 482.6 mm x 348 mm	
Weight	6.25 lb	2.83 kg	
			SUPPLIED ACCESSORIES: Model 017AXX Power Cord (1)
<p>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.</p>			
<p>Entered: AP Engineer: CPH Sales: ML Approved: JWH Spec Number:</p>			
<p>Date: 1/28/2015 Date: 1/28/2015 Date: 1/28/2015 Date: 1/28/2015 38547</p>			
			Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com
<p>3425 Walden Avenue, Depew, NY 14043</p>			



Represented in India by

Structural Solutions Pvt Ltd. | Phone: 040 2322 2380 | Email: sales@stsols.com

#4th Floor, Sudheer Tapani Towers, Himayath Nagar, Hyderabad - 500 029