



Model Number 482C15	FOUR-CHANNEL, ICP SENSOR SIGNAL CONDITIONER			Revision: E ECN #: 40512
Performance Channels Sensor Input Type(s) Voltage Gain(± 1 %)(at 500 Hz) Voltage Gain(± 1 %)(at 500 Hz) Voltage Gain(± 1 %)(at 500 Hz) Output Range(Maximum) Low Frequency Response(-5 %) High Frequency Response(-3 dB) High Frequency Response(-5 %) Phase Response(at 1 kHz) Cross Talk(maximum) Fault/Bias Monitor/Meter(LED)	ENGLISH 4 ICP®, Voltage x1 x10 x100 ± 10 V 0.05 Hz 50 kHz >17 kHz ± 1 ° -72 dB Open/Short/Overload	SI 4 ICP®, Voltage x1 x10 x100 ± 10 V 0.05 Hz 50 kHz >17 kHz ± 1 ° -72 dB Open/Short/Overload	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.	
Environmental Temperature Range(Operating) Electrical Power Required(for supplied AC power adaptor) Power Required(direct input to unit) AC Power(47 to 63 Hz) AC Power Excitation Voltage(± 1 VDC)(To Sensor) DC Offset DC Power DC Power Constant Current Excitation(To Sensor) Output Impedance Overload Threshold(± 1.0 Vpk) Broadband Electrical Noise(1 to 10,000 Hz)(Gain x1) Spectral Noise(1 Hz) Spectral Noise(10 Hz) Spectral Noise(100 Hz) Spectral Noise(1 kHz) Spectral Noise(10 kHz) Broadband Electrical Noise(1 to 10,000 Hz)(Gain x10) Spectral Noise(1 Hz) Spectral Noise(10 Hz) Spectral Noise(100 Hz) Spectral Noise(1 kHz) Spectral Noise(10 kHz) Broadband Electrical Noise(1 to 10,000 Hz)(Gain x100) Spectral Noise(1 Hz) Spectral Noise(10 Hz) Spectral Noise(100 Hz) Spectral Noise(1 kHz) Spectral Noise(10 kHz)	+32 to +120 °F AC Power DC power 100 to 240 VAC ≤ 0.7 amps +26 VDC <20 mV +32 to 38 VDC <0.25 amps 0 to 20 mA 50 Ohm ± 10/5 Vpk 5.6 µV rms 0.67 µV/√Hz 0.10 µV/√Hz 0.06 µV/√Hz 0.06 µV/√Hz 0.05 µV/√Hz 21 µV/rms 5.10 µV/√Hz 0.60 µV/√Hz 0.22 µV/√Hz 0.22 µV/√Hz 0.19 µV/√Hz 165 µV/rms 57 µV/√Hz 5.2 µV/√Hz 1.7 µV/√Hz 1.8 µV/√Hz 1.4 µV/√Hz BNC Jack BNC Jack 5-socket DIN (female) 3.2 in x 8.0 in x 5.9 in 1.25 lb	0 to +50 °C AC Power DC power 100 to 240 VAC ≤ 0.7 amps +26 VDC <20 mV +32 to 38 VDC <0.25 amps 0 to 20 mA 50 Ohm ± 10/5 Vpk 5.6 µV rms 0.67 µV/√Hz 0.10 µV/√Hz 0.06 µV/√Hz 0.06 µV/√Hz 0.05 µV/√Hz 21 µV/rms 5.10 µV/√Hz 0.60 µV/√Hz 0.22 µV/√Hz 0.22 µV/√Hz 0.19 µV/√Hz 165 µV/rms 57 µV/√Hz 5.2 µV/√Hz 1.7 µV/√Hz 1.8 µV/√Hz 1.4 µV/√Hz BNC Jack BNC Jack 5-socket DIN (female) 8.1 cm x 20 cm x 15 cm 567 gm		
Physical Electrical Connector(ICP® Sensor Input) Electrical Connector(Output) Electrical Connector(DC Power Input) Size (Height x Width x Depth) Weight			SUPPLIED ACCESSORIES: Model 017AXX Power Cord (1) Model 488B04/NC Power Converter (1)	
	Entered: AP Engineer: AK Sales: JJM Approved: JWH Spec Number:			
	Date: 2/5/2013 Date: 2/5/2013 Date: 2/5/2013 Date: 2/5/2013 38208			
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.	 Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com 3425 Walden Avenue, Depew, NY 14043			