

Performance	<u>ENGLISH</u>	<u>SI</u>
Channels	4	4
Sensor Input Type(s)	ICP®	ICP®
Voltage Gain(± 1 %)(at 500 Hz)	1:1	1:1
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 +120 °F	0 to +50 °C
Electrical		
Power Required(for supplied AC power adaptor)	AC Power	AC Power
Power Required(direct input to unit)	DC power	DC 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
DC Power	+32 to 38 VDC	+32 to 38 VDC
DC Power	<0.25 amps	<0.25 amps
Constant Current Excitation(To Sensor)	2 to 20 mA	2 to 20 mA
Output Impedance	50 Ohm	50 Ohm
Overload Threshold(± 1.0 Vpk)	± 10 Vpk	± 10 Vpk
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(DC Power Input)	5-socket DIN (female)	5-socket DIN (female)
Size (Height x Width x Depth)	3.2 in x 8.0 in x 5.9 in	8.1 cm x 20 cm x 15 cm
Weight	1.25 lb	567 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] User adjustable, factory set at 4 mA (± 0.5 mA). One control adjusts all channels.
 [2] Typical.
 [3] See PCB Declaration of Conformance PS024 for details.

SUPPLIED ACCESSORIES:

Model 017AXX Power Cord
 Model 488B04/NC Power Convertor

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	35061



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.
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