

	<u>ENGLISH</u>	<u>SI</u>	
<b>Performance</b>			
Channels	1	1	
Voltage Gain(± 1 %)	1:1	1:1	
Low Frequency Response(-5 %)	<0.1 Hz	<0.1 Hz	[3][4]
High Frequency Response(-5 %)	>1000 kHz	>1000 kHz	
Fault/Bias Monitor/Meter	26 V FS	26 V FS	
<b>Environmental</b>			
Temperature Range	32 to 120 °F	0 to 50 °C	
<b>Electrical</b>			
Power Required(Standard)	DC power	DC power	
Excitation Voltage(To Sensor)	25 to 27 VDC	25 to 27 VDC	
DC Offset(Maximum)	<20 mV	<20 mV	
DC Power	+32 to 38 VDC	+32 to 38 VDC	[1]
DC Power	0.12 Amps	0.12 Amps	[1]
Constant Current Excitation(To Sensor)	2 to 20 mA	2 to 20 mA	[2]
Discharge Time Constant(0 to +50%)	10 sec	10 sec	[3][4]
Spectral Noise(1 Hz)	0.71 µV/√Hz	-123 dB	[5]
Spectral Noise(10 Hz)	0.09 µV/√Hz	-142 dB	[5]
Spectral Noise(100 Hz)	0.05 µV/√Hz	-147 dB	[5]
Spectral Noise(1 kHz)	0.04 µV/√Hz	-149 dB	[5]
Spectral Noise(10 kHz)	0.03 µV/√Hz	-150 dB	[5]
Broadband Electrical Noise(1 to 10,000 Hz)	3.25 µV	-110 dB	[5]
<b>Physical</b>			
Electrical Connector(Input, sensor)	BNC Jack	BNC Jack	
Electrical Connector(Output)	BNC Jack	BNC Jack	
Electrical Connector(DC Power Input)	DIN Jack	DIN Jack	
Size (Height x Width x Length)	6.3 in x 2.4 in x 11 in	16 cm x 6.1 cm x 28 cm	
Weight	1.51 lb	685 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] Provided by supplied external DC power supply.  
 [2] User adjustable, factory set at 4 mA (± 0.5 mA). One control adjusts all channels.  
 [3] With ≥ 1M ohm input impedance of readout device.  
 [4] Un-buffered output, read out device input impedance affects discharge time constant and low frequency response of unit.  
 [5] Typical.  
 [6] See PCB Declaration of Conformance PS024 for details.

**SUPPLIED ACCESSORIES:**  
 Model 017AXX Power Cord  
 Model 488B04/NC Power Converter

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<sup>[6]</sup>  
*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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