

Model Number 478B05	3 CHANNEL DC SENSOR SIGNAL CONDITIONER				Revision: D ECN #: 45773
Performance	ENGLISH	SI	OPTIONAL VERSIONS		
Channels	3	3	Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.		
Frequency Response(± 5 %)	DC Hz	DC Hz			
Frequency Response(± 5 %)	≥ 2000 Hz	≥ 2000 Hz			
Voltage Gain(± 1 %)	1:1	1:1			
Electrical					
Excitation Voltage(± 10 %)(To Sensor)	17.3 V	17.3 V			
DC Offset	± 2.25 V	± 2.25 V			
Spectral Noise(1 Hz)	0.50 μV/√Hz	-126 dB	[1]	NOTES: [1] Typical. [2] Provided by supplied external DC power supply. [3] See PCB Declaration of Conformance PS024 for details.	
Spectral Noise(10 Hz)	0.60 μV/√Hz	-124 dB	[1]		
Spectral Noise(100 Hz)	0.35 μV/√Hz	-129 dB	[1]		
Spectral Noise(1000 Hz)	0.35 μV/√Hz	-129 dB	[1]		
Spectral Noise(10,000 Hz)	0.075 μV/√Hz	-142 dB	[1]		
Broadband Electrical Noise(1 to 10,000 Hz)(Gain x1)	30 μV	-90 dB	[1]		
Power Required	DC power	DC power			
DC Power	+32 to 38 VDC	+32 to 38 VDC	[2]	SUPPLIED ACCESSORIES: Model 017AXX Power Cord Model 488B04/NC Power Convertor	
Current Consumption	0.12 Amps	0.12 Amps			
Physical					
Electrical Connector(Input, sensor)	4-Pin Jack	4-Pin Jack			
Electrical Connector(Output, scope)	BNC Jack	BNC Jack			
Electrical Connector(DC Power Input)	DIN Jack	DIN Jack			
Size (Depth x Height x Width)	11 in x 6.3 in x 2.4 in	28 cm x 16 cm x 6.1 cm			
Weight	2.0 lb	908 gm			
 [3]					
	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.				
			Entered: LK Engineer: CPH Sales: ML Approved: JWH Spec Number: Date: 9/6/2016 Date: 9/6/2016 Date: 9/6/2016 Date: 9/6/2016 28813		
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