Model Number 401B04		ICP® SOURCE FOLLOWER							ision: B N#: 43930	
Performance Output Range Low Frequency Response High Frequency Response(2.0 mA) High Frequency Response(4 mA) High Frequency Response(20 mA) Non-Linearity Environmental		ENGLISH ± 5 V 0 Hz 110 kHz 220 kHz 1000 kHz ≤ 2 % FS	<u>SI</u> ± 5 V 0 Hz 110 kHz 220 kHz 1000 kHz ≤ 2 % FS	[4] [4] [4]	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.					
Temperature Range(Operating) Electrical Excitation Voltage Constant Current Excitation Output Current Output Impedance Output Bias Voltage Broadband Electrical Noise(10 kHz) Spectral Noise(1 Hz) Spectral Noise(10 Hz) Spectral Noise(100 Hz) Spectral Noise(1 kHz) Spectral Noise(1 kHz) Spectral Noise(1 kHz) Spectral Noise(1 kHz) Insulation Resistance(Minimum) Physical		+30 to +150 °F +18 to 30 VDC 2 to 20 mA 1 to 19 mA <100 Ohm +7 to 14 VDC 12 μV ms 4 μg/√Hz 1 μg/√Hz 0.3 μg/√Hz 0.1 μg/√Hz 0.05 μg/√Hz 10 °Ohm	0 to +50 °C +18 to 30 VDC 2 to 20 mA 1 to 19 mA <100 Ohm +7 to 14 VDC 12 μV rms 4 μg/√Hz 1 μg/√Hz 0.3 μg/√Hz 0.05 μg/√Hz 10° Ohm	[1] [2] [3] [3] [3] [3] [3] [3]	NOTES: [1]Voltage < 20 VDC reduces input range to ±3V. [2]Excitation current supplied minus 1 mA nominal current consumption. [3]Typical, tested with 1000 pF capacitance at input. [4]Above stated frequency, the amplifier becomes slew rate limited. [5]See PCB Declaration of Conformance PS024 for details.					
Housing Material Electrical Connector(Inp Electrical Connector(Ou Size (Length x Width x H Weight	tput)	Aluminum BNC Plug BNC Jack 2.2 in x 1.1 x 0.9 2.50 oz	Aluminum BNC Plug BNC Jack 55.9 mm x 27.9 x 22.9 70.9 gm		Entered: AP Date: 5/14/2015	Engineer: CPH Date: 5/14/2015	Sales: ML Date: 5/14/2015	Approved: DY Date: 5/14/2015	Spec Number: 40857	
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.					**PCB PIEZOTRONC5** 3425 Walden Avenue, Depew, NY 14043 **PCB PIEZOTRONC5** Fax: 716-684-0987 E-Mail: info@pcb.com					