



ADVANCED
RESEARCH INSTRUMENTS
CORPORATION

PMT-5 CURRENT TO VOLTAGE AMPLIFIER

SPECIFICATIONS

Input Impedance	1k Ω
Input Signal Range	10pA to 1 μ A per 1V output
Output Range	\pm 10V
Output Impedance	100 Ω
Power Requirements	\pm 15V, 50mA
Physical Size	2.5" x 5" x 1.1"
Output Connector	BNC and 9pin sub miniature D

9 Pin Sub Miniature D Connector Pin Out

<i>Pin</i>	<i>Description</i>
1	<Not Used>
2	<Not Used>
3	+15VDC
4	<Not Used>
5	<Not Used>
6	Signal GND
7	Power GND
8	-15VDC
9	Output

FEATURES

- Low Noise
- Wide Sensitivity Range
- Small Size
- Easy to Use
- Stabilized Power Conditioning
- Low Cost

APPLICATIONS

- Spectroscopy
- PMT or Photo Diode Preamplifier
- Low Light Level Detection
- Detection of Currents in the Pico Ampere Range

Bandwidth and noise comparison with similar amplifiers is on the reverse side of this data sheet.



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