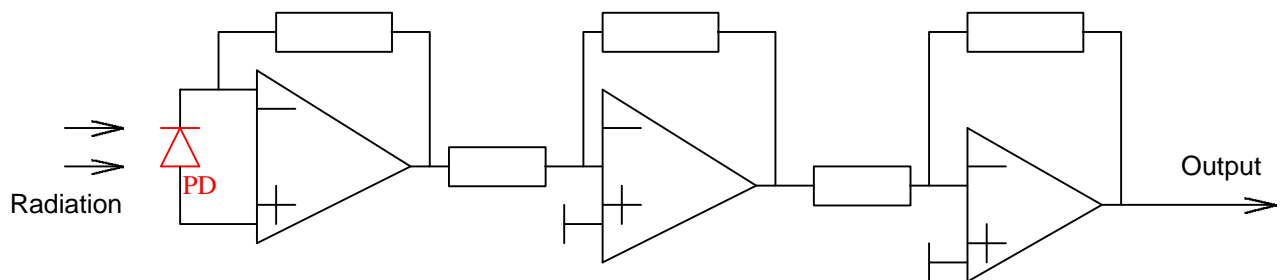


PD Preamplifier Model AM-04

- The **AM-04** preamplifier converts the current output of a signal source such as for example Mid-Infrared photodiode, into a voltage output with amplification of the voltage for subsequent use with various electronic systems, like lock-in-amplifiers, oscilloscopes or A/D converters.
- **AM-04** preamplifier is developed for wide band high-frequency performance with room temperature photodiodes PD24 and PD36 models that operate in photovoltaic regime.

Parameters	
Bandwidth (measured with PD24-05)	1 kHz - 1 MHz
Coefficient of amplification (meas. with PD24-05)	$6,4 \cdot 10^6$ V/A
Maximum Output	+/- 4 V
Output Impedance (Optimum)	50 Ohm
Package Dimension	80 x 40 x 22 mm ³
Power Requirements	+15 VDC



The AM-04 has a first stage to amplify photocurrent from PD and second and third stages voltage gain.

Warning!!! Photodiode wires should be electrically isolated from the case of preamplifier. Electric contact between these wires and the case will damage the photodiode.

