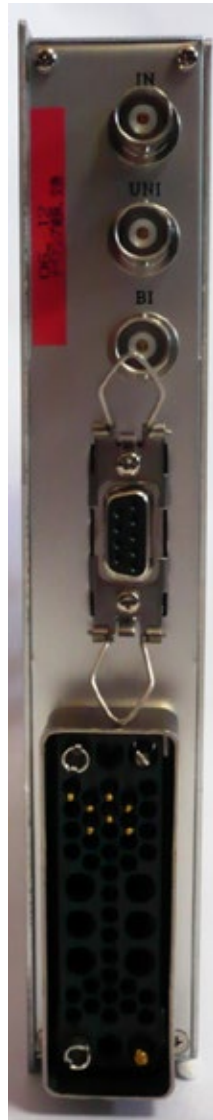


Amplifier TKY-0581

Features & Specifications

The superb quality, Energy Spectroscopy Amplifier is suited to use with for all type detectors such as Ge, Si, Scintillation, Proportional Counters, Ion chambers.

The circuit incorporative the CR·(RC)⁵ the shaping out are provided Unipolar, Bipolar.



Coarse Gain,

X5, X10, X20, X50, X100, X200

- Fine controls with lock Shaping time (μS)
0.2, 0.5, 1, 2, 5, 10
- BLR (Base Line Restorer)
- High and low count rate SW
- PZC (Pore-Zero Cancellation)

INPUT

Input voltage depends on Coarse Gain.

Select + (positive) or - (negative)

Input impedance ~1KΩ

OUTPUT, Unipolar and Bipolar

Output +10V

Impedance Front 0Ω Rear 91Ω

Provided Offset adjustment trimmer.

Preamp power error LED provide..

REAR PANEL

Accepts signal from the preamplifier.

integral non-linearity

For 2 μ sec shaping time > 0.10%

Noise ;

0.0042 / 500 = 8.4 μ Vrms

Our related products are,

The charge sensitive amplifier 0308 series and

Quad Power supply RIS-0381.

Packaging NIM#1 with BNC connectors in the Front and Rear

Power Requirement ±6V, ±12V, ±24V

Weight : 2Kgs

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