

Magnetic Pickup Conditioner MPC-100



Description

The MPC-100 automatically converts the input wave to a rail-to-rail amplified square output proportional to your power supply for a wide input frequency and voltage range to condition your signal for accurate counting.

Operation

Use a power supply with the voltage you wish your output signal to be at. Connect your signal to be amplified to the Snr + - terminals and the Out + - will then be a square wave amplified output at the frequency of your input.

Specifications

Power Supply Voltage Range 2.5 - 24 V
Input Signal Range up to 44 V. Minimum 20mV required.
Output Drive Up to 20mA
GBWP of 200 kHz
Typical Current Draw is 40 uA

Operating Temperatures -40 to +85°C

Approvals Class 1 Div 2 Groups C, D, T3 CSA Std C22.2 No 213, 14, E79-15-95