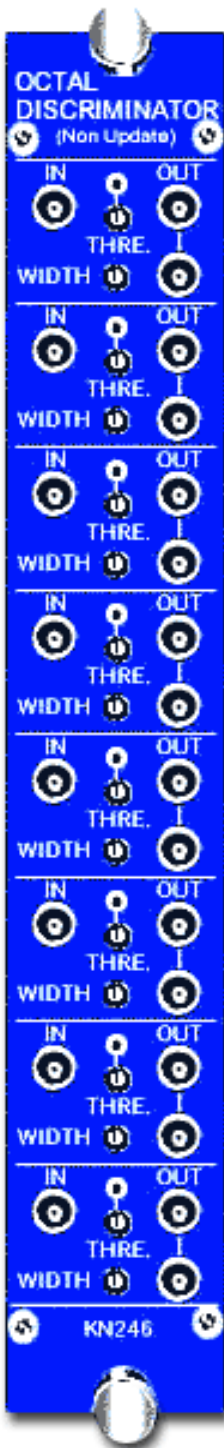


OCTAL DISCRIMINATOR (Non Updating)



«ABSTRACT»

- ◆ This is the module for the waveform discriminator.
- ◆ This module has 8 channels that each channel has 1 input and 2 outputs.
- ◆ It can adjust the input threshold level and the output pulse width on front panel.
- ◆ Input and output signal is based on NIM standard of AEC. (Atomic Energy Commission US)

«Specifications»

Input characteristics ;

- ◇ Number of input : 1×8 ch
- ◇ Impedance : 50Ω
- ◇ Threshold level : Approx. $-40\text{mV} \sim -750\text{mV}$ (with check terminal)
- ◇ VETO input (rear panel) : When more than $-450\text{mV} / 50 \Omega$, all channel outputs are inhibited.
- ◇ GATE input (rear panel) : At TTL low level, VETO operation

Output characteristics ;

- ◇ Number of output : 2×8 ch
- ◇ Pulse width : Approx. $10\text{nS} \sim 100\text{nS}$ / Adjustable on front panel
- ◇ Risetime : Approx. 1.2nS
Falltime : Approx. 1.2nS
- ◆ Input and output connector : Standard LEMO connector
- ◆ Packaging : NIM standard single-width module.
- ◆ Consumption current
 - 6V : Approx. 1.6A
 - 12V : Approx. 190mA
 - + 12V : Approx. 90mA



KAIZUWORKS CORPORATION
 9-18 HIGASHIMATSUBARA HAKONEGASAKI MIZUHOMACHI
 NISHITAMAGUN TOKYO 190-1222 JAPAN
 Tel : 042-568-0866 Fax : 042-568-0867

E-mail kaizuwks@kaizuworks.co.jp Homepage <http://www.kaizuworks.co.jp>