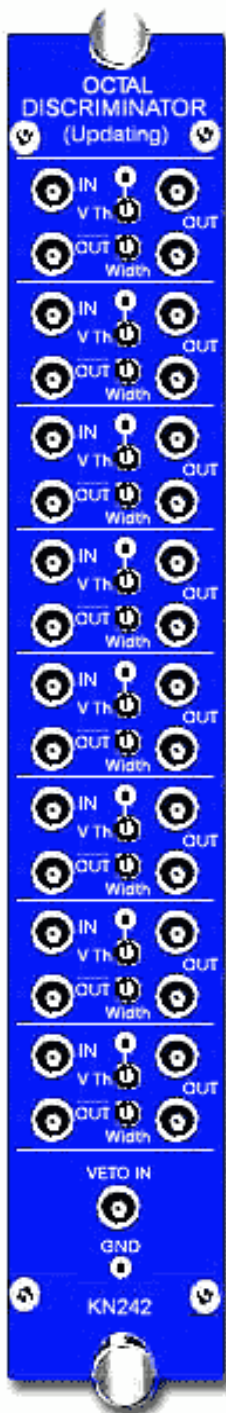


## OCTAL DISCRIMINATOR (Updating)



## 《ABSTRACT》

- ◆ This module is the reading edge discriminator that maximum cycle frequency is 50MHz.
- ◆ The operation mode of this discriminator is the `updating`.
- ◆ This module has 8 channels that each channel has 1 input, 2 outputs and 1 inverse output.
- ◆ It can adjust the threshold level and the output pulse width at each channel independently.

## 《Specifications》

## Input characteristics

- ◇ Number of channels : 8 channels
- ◇ Number of input : 1 / ch
- ◇ Impedance : 50 Ω
- ◇ Maximum frequency : 50MHz
- ◇ Minimum input pulse width : 5nS
- ◇ Input protect voltage : +0. 7V, -1. 4V
- ◇ Threshold voltage : -10mV ~ -1.0V (with check terminal)
- ◇ VETO input : (FAST NIM, common in all channels)
- ◇ BIN GATE input : When TTL low signal, VETO.  
(BIN connector) (with OFF SW)

## Output characteristics

- ◇ OUT: 2/ch (FAST NIM)
- ◇ -OUT: 1/ch (FAST NIM)
- ◇ Pulse width: Approx. 15nS ~ 240nS

- ◆ Input and output connector : Standard LEMO connector
- ◆ Packaging : NIM standard single-width module.
- ◆ Consumption current : -6V: 1500mA  
+6V: 80mA



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