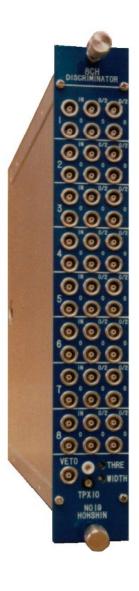


## NIM

## 8ch Discriminator

## N 0 1 9



- The high-speed comparator is used.(Operating Frequency 100MHz)
- Thresholed can be adjustmented together in all the channels.
- Output Width can be adjustmented together in all the channels.

(Also individually, Output Width can be set up internal volume.)

The digital NIM standard signal of the width decided when an analog signal got over Threshold is output.



## < Specifications >

Input

Impedance : a direct couple with  $50\,\Omega$  Lemo connectors

Threshold :  $-20m \ V \sim -240m \ V$ 

adjusts by the volume of the front pannel. all the channels are adjustmented together.

Minimum input width : 2nSec( > 100m V)

Input protection : more than +0.7V, against less than -6V,

protection by the diode

A maximum input rate : 60MHz

VETO input (output In hibit signal)

Impedance :  $50 \Omega$ 

Voltage : NIM standard signal

BIN GATE input (accepted rear NIM connector.)

Impedance :  $1.3K\Omega$ Voltage : TTL signal

Switching : by the rear surface switch, ON/OFF

**Output** 

Impedance :  $50 \Omega$ 

Signal level : NIM standard conformity Level O Om A (OV

Level 0 0 mA (0 V)Level 1 -16 mA (>800 m V)

Internal output adjustment width : 10nSec~220nSec

The outside output adjustment width :  $\pm 25\%$ 

Rise time : less than 2nSec Fall time : less than 2nSec

Form : NIM 1 width

Power supply : +6 V 50 mA

-6 V 2 A +1 2 V 5 0 m A -1 2 V 5 0 m A

Approve it because specifications and so on that it is refused are sometimes changed.

HOSHIN ELEC. CO., LTD.

3-9-12, Miyamaedaira, Miyamae-ku, Kawasaki-City, 216-0006, Japan TEL:+81-44-861-0202

FAX:+81-44-861-0121