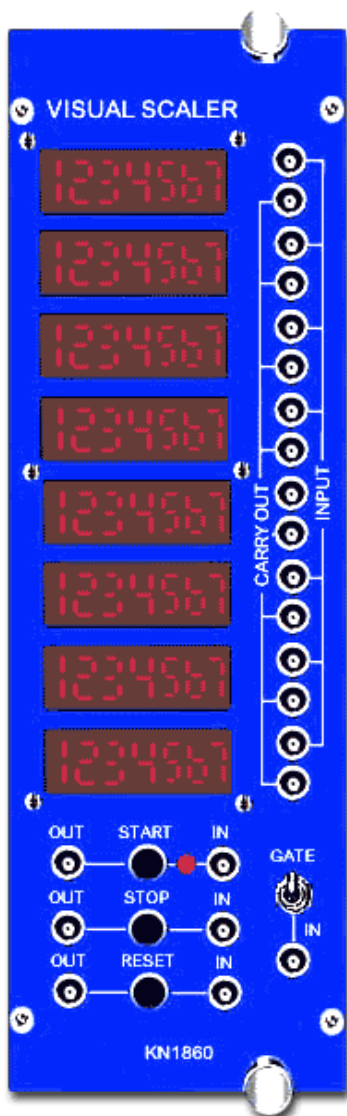


## 8ch VISUAL SCALER



## 《ABSTRACT》

- ◆ This module is 8 channels high speed scaler that has 7 digits LED display.
- ◆ The input and output signal is based on NIM standard of AEC.  
(Atomic Energy Commission US)

## 《Specifications》

8 channels

INPUT : NIM signal

◇ Input impedance :  $50\ \Omega$

◇ Threshold : Approx.  $-300\text{mV}$

◇ Maximum frequency :  $25\text{MHz}/20\text{nS}$

CARRY OUT

◇ Signal : NIM signal ( $-800\text{mV}/50\ \Omega$ )/ $100\text{nS}$  pulse width

When overflow, display at the first column decimal point of LED

◇ Display : 7 digits LED

EXIT IN

◇ START/STOP : NIM signal (the same system)

◇ Threshold :  $-300\text{mV}$

◇ Impedance :  $50\ \Omega$

◇ Input pulse width :  $50\text{nS}$

EXIT OUT

◇  $-800\text{mV}/\text{NIM signal}/50\ \Omega$

◇ Pulse width :  $50\text{nS}$

RESET signal : NIM signal

◇ Threshold :  $-300\text{mV}$

◇ Impedance :  $50\ \Omega$

◇ Input pulse width :  $100\text{nS}$

GATE input signal : NIM/all channels are the same system.

◇ Threshold :  $-300\text{mV}$

◇ Impedance :  $50\ \Omega$

◇ Input pulse width :  $100\text{nS}$

- ◆ The input and output connector : Standard LEMO connector

- ◆ Packaging : NIM standard double-width module.

- ◆ Consumption current :  $-6\text{V}$  Approx.  $630\text{mA}$   
 $+6\text{V}$  Approx.  $2.1\text{A}$



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