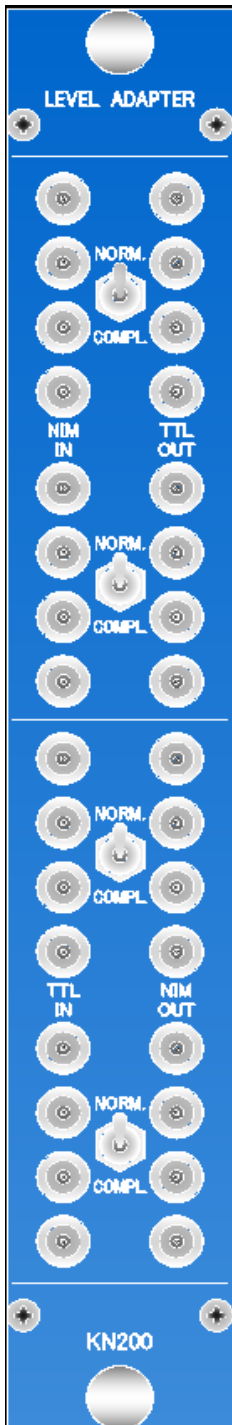


## NIM ⇔ TTL LOGIC LEVEL ADAPTER



## 《ABSTRACT》

- ◆ This module converts NIM signal to TTL signal or TTL signal to NIM signal.
- ◆ This module has each of 2 channels, the circuit consists of 4 NIM inputs and 4 TTL outputs in 1 channel, and it has each of 2 channels, the circuit consists of 4 TTL inputs and 4 NIM outputs in 1 channel.

## 《Specification》

NIM signal → TTL signal conversion

- ◇ Risetime of output : 3nS
- ◇ Falltime of output : 3nS
- ◇ Maximum frequency : Approx. 50MHz
- ◇ Output (High Level) : 4V/80mA
- ◇ Output (Low Level) : 0.5V/24mA
- ◇ Output impedance : 50Ω

TTL signal → NIM signal conversion

- ◇ Risetime of output : Approx. 5nS
- ◇ Falltime of output : Approx. 3nS
- ◇ Maximum frequency : x.Appr65MHz
- ◇ Output is NIM signal

- ◆ Input and output connector : Standard LEMO connector.
- ◆ Packaging : NIM standard single-width module
- ◆ Consumption current : -6V Approx. 450mA  
+6V Approx. 0.4A ~ 1A (when maximum loaded)



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