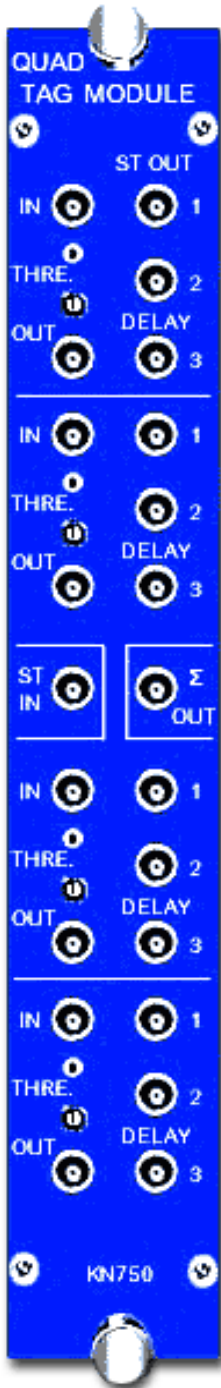


QUAD TAG



«ABSTRACT»

- ◆ This module is the 4 channels' TAGGING counter and 1 channel' Backing counter.
- ◆ The input and output signal is based on NIM standard of AEC. (Atomic Energy Commission US)

«Specifications»

Input characteristics ;

- ◇ IN : 4
- ◇ Impedance : 50 Ω
- ◇ Threshold : Set by the variable resistor on front panel.

Output characteristics ;

- ◇ ST OUT : 8
(Tagged signal/The timing of output depends on the reset timing of Tagging counter.)
- ◇ OUT : 4 (Discriminator output that get the value of Tagging counter output.)
- ◇ DELAY : 4 (The output signal that delay 106nsec ST OUT signal.)
- ◇ Σ OUT : 1 (The logical OR output signal of the 4 channels ST COIN output.)
- ◇ The pulse width of three outputs except for sigma output can vary individually between 5ns and 50ns by internal adjustment.

- ◆ The beam gate input can switch(ON/OFF) by the switch on rear panel. This gate is demodulated.

- ◆ The input and output connector : Standard LEMO connector.

- ◆ Packaging : NIM standard single-width module.

- ◆ Consumption current -6V : Approx.1. 2A
+6V : Approx.100mA



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