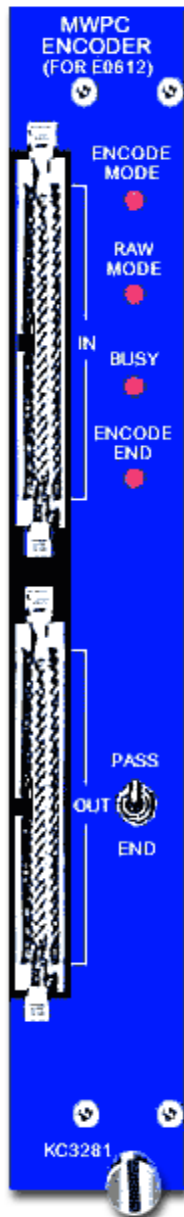


MWPC ENCODE CONTROLLER



《ABSTRACT》

- ◆ This module is an encode controller used for the reading circuit of the multi-wire proportional chamber.
- ◆ This controller has two functions: RAW MODE and ENCODE MODE, which can be selected by switch.
- ◆ This is used in combination with the buffer memory module.

《Functions》

◇ RAW mode

It reads the switch register of CAMAC crate or coincidence module data using the NF(0) command until sub-address A(0)–A(15).

It checks the Q-response of each module; if no response,

it reads the next station data.

The 16th bit (MSB) of data is always zero, to distinguish the event number.

◇ ENCODE mode

It checks the data of MWPC memory module etc. using FN(0)A(0) and NF(0)A(1) if there is even one data in each bit, it encodes and reads the data.

Because the data encoded is converted to crate number, station number, sub-address number, and wire number, this unit can know the signal from chamber wire and its position.

《Specifications》

◆ ENCODE BIT ADDRESS

0~3 : Write 4 : Sub 5~9 : Station 10~13 : Crate 14•15 : 0

◆ Packaging : CAMAC standard double-width module.

◆ Consumption current : + 6V Approx. 1.5A



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