

CAMAC NIM/ECL Pulser RFD01

(Eight bit output generator)

8 channel single wide CAMAC module. Provides NIM and differential ECL pulses / or levels. Controlled via front panel switches or CAMAC dataway.

Differential ECL out available at front panel and back of module. LEDs indicate which channels are currently selected for outputs. Output pulse width jumper selectable. Outputs individually selectable.

Can operate stand alone using internal clock and front panels switches or under CAMAC control.

Front panel toggle switches:

- LOC-REM: sets control to front panel (local) or CAMAC highway (remote).
- Pulse-dc level: pulsed output or dc level out.
- INT-EXT: select internal clock or external clock, internal clock not available in remote mode.
- Channel select dip switches: select output channels when control is from the front panel.

NIM signal LEMO connectors:

- CLK IN: NIM input for external clock.
- SYNC: provides a NIM level pulse whenever there is a possibility of a pulse on one or more of the outputs.
- 1 through 8 outputs: NIM outputs.

CAMAC op codes:

- F(0) :Command accepted in both LOC and REM control. Reads which channels are currently selected for outputs. Returns module Q and X immediately.
- F(16): Command accepted only in REM control. Selects channels for outputs. Data word 1=0 through 255, 0=all channels off, 255=all channels on. Returns module Q and X immediately, only in REM.
- F(25): Command accepted only in REM control. Causes the channels which are selected to produce output pulses. Returns module Q and X immediately, only in REM.