



## *Pulse Board*

The Pulse Board is specifically designed to produce a reduced rate input pulse for the elevator controller from the machine encoder.

This pulse input is then used by the elevator controller in determining position, selecting running speeds and to calculate slowdown points.

See Counting Method "01" in the ECD Controller Manuals.

The Pulse Boards microprocessor control system allows fast and accurate control and adjustment of the pulse output.

The basic operation is to input 1 channel of an incremental encoder mounted on the machine into the Pulse Board. Several adjustable parameters are entered so that the microprocessor can calculate the required reduction ratio so that it will output the equivalent of 1 pulse per customer adjustable distance of travel.

The board's software is flexible enough to allow for a range of different encoder pulse rates and lift machine configurations.

Also various input voltages can be allowed for from the encoder