



AB McLAUHLAN :: WELLIVER METAL

Layton Manufacturing Frequency controller for Vibratory Feeders

- Interfaces and replaces existing controllers on magnetic driven vibratory conveyors:
Allen, FMC, Wright, PPM, Eriz, Syntron
- Ensure constant product feed rate with live frequency feedback control irrespective of conveyor loading or mechanical fluctuations
- Operating frequency and product speed is manually adjustable from touch screen or held constant with feed back control preset by operator on touch screen
- Completely sealed and physically attached Accelerometer feedback control provides accurate and immediate responsive frequency control without gap adjustment and problematic proximity devices used by other manufactures
- Mounted in Nema 4 Stainless steel enclosure with Plexiglas window to view touch screen settings
- 24 volt input/output capability for remote speed control signal to ramp up and down automatically with 4-20 signal and output to signal sensor or other device
- Supply voltage 110/240, +/- 10%, 50/60 Hz





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Display and controls

▲ Increase value
 ▼ Decrease value
 F Return
 P Programming mode or Enter
 I Controller Output ON
 O Controller Output OFF

Operating displays

OFF Enable OFF
 FULL Track full
 . 800 Setpoint in %
 ● Timer running
 STOP Stop using "0" key

Instructions:

Menus are used for changing settings. The different Parameters are selected by entering a code.

All adjustments are made by first pressing the P key, followed by selecting the menu code, using the cursor keys.

Settings:

Pressing the cursor key for a short time causes one digit increase/decrease, holding down for a longer time gives changes in ten-digit steps.

Changed settings are saved when exiting the menu or automatically if a key is not pressed for 60 seconds.