Compact and easy to use, the D1 proportional linear motor valve driver is designed to optimize the performance of Enfield Technologies’ valves. With selectable input options, the D1 allows for quick interfacing between the valve and PLC, computer or motion controller.
The **D1 Proportional Linear Motor Valve Driver** provides a readily available solution that is compact and easy to implement. The D1 helps users avoid the effort and expense of characterizing valves and developing electronics for their application. For applications using PLCs or computers, the D1 easily interfaces with the valve. This eliminates the need to write valve management routines which consume valuable processing cycles needed for other machine functions.

### Driver Adjustments

- **RP1:** Increasing Dedband Elimination reduces the effective overlap in the valve.
- **RP2:** Decreasing Maximum Drive Current reduces the maximum opening of the valve.
- **RP3:** Increasing Dither Amplitude reduces the hysteresis in the valve.