

Danntech Process Instrumentation

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[Hydraulic Valve Interface](#)

This is some general features and application information about our hydraulic valve interface products.

[Hydraulic Valve Interface Products.pdf](#)

A table showing the features and some details of these products. [Hydraulic Valve Interface Information.pdf](#)

Hydraulic Valve Signal Converter 24/12 VDC

Designed to provide process instrumentation interface for hydraulic valves. Converts 4-20 mA, 0-10 V, ± 10 V and 0-12 V to 25% to 75% of the DC supply. 11 to 30 VDC operation. Suited for industrial control and automation systems. Compact, economical, DIN rail mounting. Neutral point adjustment. [\[Product Details...\]](#)

Hydraulic Valve Interface Module 24/12 VDC

Microprocessor based module designed to provide a variety of interface options between standard process control signals and most hydraulic valves. Inputs: Resistance - 0 to 100 Ω & minimum to 0 to 10 k Ω & maximum (joystick or potentiometer). Current - 0 to 20 mA, 4 to 20 mA or from 1 mA up to 500 mA DC. Voltage - 0 to 10 V, 25% to 75% or from 100 mV up to 100 VDC. Outputs: Current - from 0 to 500 mA (typically 4 to 20 mA, 0 to 85 mA, 0 to 480 mA). Voltage - 25% to 75 %, 0 to 10V. [\[Product Details...\]](#)

Process Signal to Pulse Width Converter 24/12 VDC

Converts process signals to Pulse Width output at the applied voltage. Fixed frequency at 200 Hz, the pulse width is proportional to the input signal. Galvanically isolated and fuse protected. [\[Product Details...\]](#)

High Current Output Signal Converter

Provides either a voltage or current output of up to $\pm 10V$ at 250 mA. Output can be either constant voltage or constant current. Linear control of output current and voltage, not switched mode. Interface to bipolar hydraulic valves. [\[Product Details...\]](#)