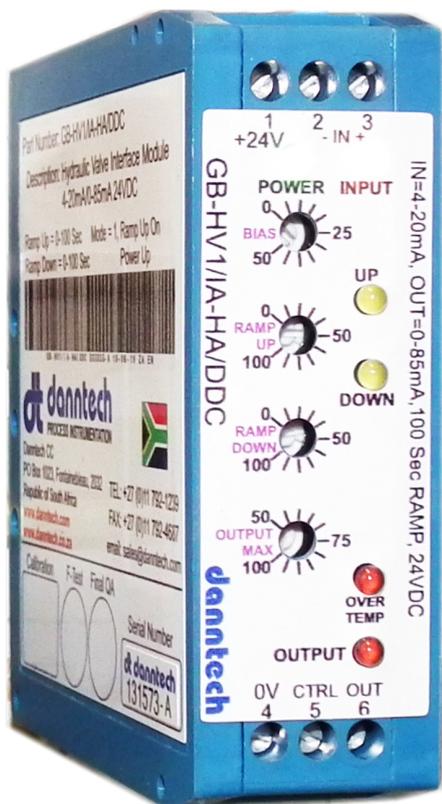
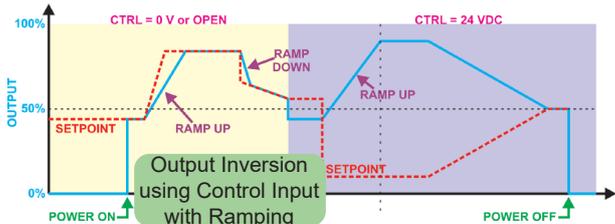
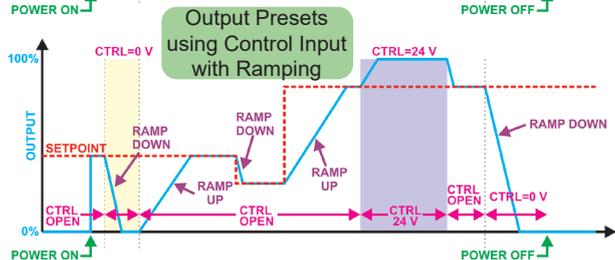
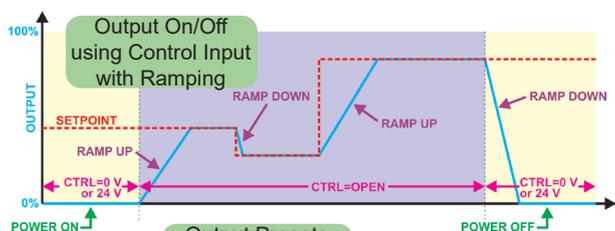
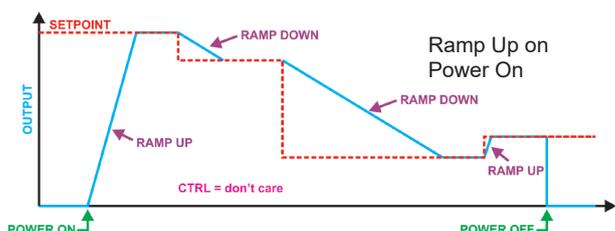


Hydraulic Valve Interface Module



Microprocessor based module designed to provide a variety of interface options between standard process control signals and most hydraulic valves.

- Monopolar output only i.e. 0 to 200 mA (not -200 mA to +200 mA).
- 0 to 85 mA without external heatsink, above 85 mA and up to 500 mA requires an external heatsink.
- Isolation between input and output/power supply.
- Output shares common 0V connection with power supply.
- Standard input signal ranges 0-50 mV, 0-100 mV, 0-1 V, 0-5 V, 0-10V, 18-32 V, 0-100 V, 0-20 mA, 4-20 mA, 0-1 kΩ and 0-10 kΩ.
- Input Bias and I_{max} trippot adjustments.
- Ramp ranges set internally 0 to 1, 0 to 10, 0 to 50 and 0 to 100 seconds.
- Different ramp ranges can be used for up and down.
- Trippots adjust from 0 to 100% of the selected range.
- Output ramps up to setpoint selected.
- Trippots can be locked using DIP switch.
- Can have either internal setpoint or analogue input setpoint.
- Can be configured as a controller using one trippot as setpoint and the analogue input for feedback.
- Optional signal relay output with can be configured to switch an output polarity reversal relay.
- Tri-state control input which can be used for various function selections such as emergency stop, output force, etc.
- Minimum step response approximately 3 mSec.
- Linearity better than 0.5% of full scale.
- Up and down yellow LEDs flashing when ramping.
- Four operating modes - DIP switch selectable.
- Power supply from 9 to 36 VDC.
- Power supply current 10 mA + output current.
- Operating temperature -10°C to 60°C.
- Calibration sheet provided for each unit.
- DIN rail mounting with screw terminal connections.
- High quality, self-extinguishing, polyamide enclosure.
- Dimensions 25 x 80 x 85 mm (W x H x D).



danntech
PROCESS INSTRUMENTATION

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