



PROGRAMABLE DIGITAL VALVE DRIVER



HED's Digital Valve Drivers.....

- Provide customized, application specific control.
- Allow the use of any brand of valve.
- Provide customized, application specific control.
- Eliminate feedback and speed related problems.
- Are packaged in NEMA 4 boxes with Deutsch connectors.
- Are easy to program with Windows based software.
- Can be set up for multiple machine configurations.
- Directly drive PWM valves and many other devices.
- Give you complete control of your equipment.

HED Programmable Digital Valve Driver Capabilities and Standard Specifications

- Operating Temperature of -40°C to +85°C and storage of -50°C to +100°C.
- Operating Voltage of 9VDC to 32VDC with Fail-safe Shutdown.
- Supply Input is Reverse Voltage Protected to 1000VDC
- Jump Start protected to 60VDC for two minutes at +25°C.
- All inputs and outputs are reverse voltage, short to battery and ground protected.
- Silicone Conformal Coated circuit boards for moisture resistance.
- Two PWM outputs, each capable of supplying up to 2 Amps.
- Inputs for frequency, RTD, resistive, PWM, analog or digital signals.
- NEMA 4X submersible enclosures designed for harsh duty operation.
- PC or Laptop interface for diagnostics and programming.
- Operation of all commercially available hydraulic valves.

PIN-OUT (Deutsch Connector)

1	+ Battery	7	RS232 OUT to PC
2	Ground	8	RS232 IN from PC
3	Ground	9	Digital Input
4	5V 20mA Supply	10	Digital Input
5	PWM Output	11	Analog Input
6	PWM Output	12	Frequency Input

HED Customer Support

HED is dedicated to the design and manufacture of customized electronics for mobile equipment. Please visit us on the web at www.hedonline.com or call 1-800-398-2224 for Application Assistance.

SMARTER... FASTER... BETTER...

DIGITAL VALVE DRIVERS from HED®



Company Information

Hydro Electronic Devices, Inc.
1715A Innovation Way Hartford, WI 53027
Phone: 262-673-9450
Fax: 262-673-9455

E-mail

info@hedonline.com

Web Site

<http://www.hedonline.com>

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