



## PROGRAMABLE DIGITAL LOAD CONTROL



### *HED's Digital Load Controls.....*

- Allow the use of smaller pumps and engines.
- Provide customized, application specific control.
- Eliminate engine stall and related problems.
- Are packaged in a NEMA 4 enclosure.
- Are easy to program with changeable set points.
- Can be set up for multiple machine configurations.
- Directly drive PWM valves and other devices.
- Give you complete control of your equipment.

# HED Programmable Digital Load Control 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](http://www.hedonline.com) or call 1-800-398-2224 for Application Assistance.

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

***DIGITAL LOAD CONTROLS from HED®***



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