



DESIGN AND MANUFACTURE OF QUALITY ELECTRONIC EQUIPMENT AND INDUSTRIAL CONTROL SYSTEMS

*For immediate release...*

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## **Electro-Hydraulic Controller Features** **Field Selectable Functionality**

**FREDERICKTOWN, OHIO June 1, 2011** - Divelbiss Corporation, providing cost-effective customized solutions to standard industrial automation and control problems since 1974, announces the **HEC-1500-E-R** extended temperature range (-40° to +80° C) model to the HEC family of Harsh Environment Controllers. In addition, the controller is RoHS Lead Free Compliant.

Based on patented\* PLC on a Chip™ technology, the **HEC-1500-E-R** Harsh Environment Controller allows for programmable intelligence under less than ideal conditions due to a sealed, water-tight enclosure with plug connections. The standard enclosure is submersible to three feet and is screw and sub-plate mountable. The HEC-1500-E-R is programmed using Divelbiss EZ Ladder software which supports ladder diagram with function block programming.

The HEC-1500-E-R Harsh Environment Controller features 8 to 32VDC input power. I/O includes six (6) 8-32 VDC inputs - two (2) of which are independently field selectable for sinking or sourcing in addition to providing 40 kHz high-speed counting ; two 10-bit analog channels field selectable for 0-5VDC, 0-10VDC, or 0 to 20mA; and six (6) digital/PWM outputs rated to four (4) amps with automatic over-current safety and programmable status monitoring for each. Network communication is accomplished via the CAN port (J1939 capable) or by means of a serial communication port which is field selectable for RS-232, RS-422, or RS-485 configuration.

Typical industrial use includes control for engine driven pumps and compressors, spreaders, diesel powered mining equipment, agriculture, forestry, and marine application. The 8 to 32 VDC input power and wide operating temperature range ( -40° to +80° C ) is particularly useful for ease in utilization by off-highway platforms and outdoor applications where extreme ambient temperatures are the norm.

For more information please call 800-245-2327, visit our web site [www.divelbiss.com](http://www.divelbiss.com), or E-mail [sales@divelbiss.com](mailto:sales@divelbiss.com).

Product specifications and complete User's Manuals for these products are available at our web site: [www.divelbiss.com](http://www.divelbiss.com)

For more information please call 800-245-2327 or E-mail your inquiry to [sales@divelbiss.com](mailto:sales@divelbiss.com).

\* Patent 7,299,099

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