



## FOR IMMEDIATE RELEASE

Munich, Germany – March 29, 2004 - Axiomatic Technologies announced today the release of a digital engine control module for interface between an engine manufacturer's electronic control unit (ECU or ECM) and a hydraulic valve.



Applications can include:

- Hydraulic Fan Drives
- A wide range of industrial, on-highway (trucks, buses) and off-highway (mobile) applications involving hydraulic controls

Axiomatic is exhibiting engine control modules and other electronic controls for construction equipment and mining applications at **BAUMA on March 29-April 4, 2004 in Munich Germany, Hall A3, Booth 557/658.**

Features:

- OEM specifications are accommodated with factory programming on request
- Accepts a PWM signal with variable duty cycle from an Engine Control Module
- Provides one DC current output of up to 2 Amps (other current outputs on request)
- Either a proportional or digital output is available (factory programmed)
- Minimum and maximum current output are user configurable within factory set ranges
- Superimposed dither is user configurable
- Ramp time is user configurable
- Powered by a power supply input from 9...32VDC and designed for rugged applications
- Reverse polarity protection provided
- RS232 interface to PC or laptop for user configuration and diagnostics
- Compact IP67 rated packaging and plug-in connections
- Operational from -40 to 85°C (-40 to 185°F)

Other digital controllers are available, including:

- Multiple sensor, PT or signal inputs and two or four outputs for hydraulic valves
- Multiple I/O (up to 12 I/O) valve drivers interface with joystick, analog and digital inputs
- CAN bus interface for data exchange with vehicle control systems
- High current electric fan drive controllers in various configurations

Axiomatic operates in Mississauga (Toronto), Canada and Tampere, Finland. As an integrated engineering design firm and ISO9001:2000 registered manufacturing facility, our mission is to provide innovative low cost electronic controls for mobile, marine, mining, military and industrial equipment OEM's.

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Axiomatic is exhibiting at BAUMA on March 29-April 4, 2004 in Munich Germany, Hall A3, Booth 557/658.

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