MOTIV

Electro-Hydraulic Controls

Designed and Manufactured by
DITCO

SV100 Automatic Monitor - Controller

- ❑ **Monitor and control**
  ... flexible inputs and outputs allow for both data logging and machine control

- ❑ **Compact design**
  …easy installation into existing panels

- ❑ **Field upgrades**
  …upgrade the software using a laptop or handheld programming tool

- ❑ **Large display**
  … color LED display, able to read up to 20 feet

The SV100 is a flexible design offering multiple inputs and outputs. The SV1 offers a RS232C comm. port, 32Kbyte flash memory for data logging, along with a real time battery-backed clock. Customized software for OEM customer and custom applications.

Electrical Specification

➢ Operating voltage: 10-32 vdc, ideal for mobile vehicle battery systems
➢ Outputs: (4) PWM sourcing FET valve drivers, up to 2.5 amps
➢ Inputs: (1) alternator RPM input, AC or DC
             (1) special micro-amp analog input, optional temperature sensor
             (2) digital inputs, device sinking
             (2) 10 bit A/D analog inputs, 0-5v, 0-10v, 4-20ma
➢ Operator: single knob, endless rotation w/ pushbutton, 5-digit Red Led alpha-numeric display
➢ Wiring interface: 16 pin twist lock, rear
➢ Enclosure: cast aluminum, painted, rear mounting
➢ Calibration: calibrations set via front panel, no tools required, pass code protected