

ESC Model 8832 Data System Controller



RENTAL AND APPLICATION NOTES:

- Shipping Weight: 20 lbs.
- An Ethernet communications port is available.
- The 8832 computes and stores block and rolling averages (up to 3 user-selectable averages per parameter), as well as more complex mathematical functions.
- Setup is available upon request. There may be an additional charge.

SPECIFICATIONS:

- Weight: 15 lbs.
- Dimensions: 17" x 5.25" x 14".
- Mounting: 19" rack.
- Power: 110/220VAC; 50-60 Hz; < 60w.
- Battery Backup: 90mA -hour rechargeable lithium.
- Analog Outputs: 4 - 20mA current loop outputs, 12 bit resolution.
- Digital Outputs: Latching-coil relays; rated load: 5A at 250VAC, 5A at 30VAC.
- Analog Inputs: Voltage or 4 - 20mA current loop available.
- Contact Closure Digital Inputs: Detect contact (relay) closures or voltage-to-ground transitions (to 24v).
- Isolated Digital Inputs: Detects open-to-voltage transitions (24v to 120v, AC or DC).
- Voltage Ranges: $\pm 100\text{mV}$, $\pm 1\text{v}$, $\pm 5\text{v}$, $\pm 10\text{v}$ full scale.
- Scan Rate: 32 channels per second.
- Accuracy: $\pm 0.05\%$ full scale at room temperature, $\pm 0.2\%$ full scale over full temperature range.
- Operating Temperature: 0°C to 40°C.
- Speed: 50 MHz.