

Act-Pak® Electronic Instrumentation

Model 1200D Series Instruments



Sensus meters with high speed electronic signal output registers or contact closure registers can interface with Act-Pak® instruments to provide remote monitoring and equipment control based on fluid flow rate and/or totalization. Act-Pak instruments are available for water treatment, pump sequencing, batch control, control of valve actuators and other applications.

NOTE:

- Contact your local Team EJP sales office for more information.



**High Speed Pickup Register
Transmits Solid State Signal from Sensus Turbo
Meters, SR Meters and Propeller Meters**

Application – The Models 1200D and 1200DN ACT-PAK instruments are designed to display both total consumed and instantaneous flow rate through the metering device. The basic instrument provides a set of two contact closures. One or both of these switches may be designated to actuate after a predetermined quantity has been consumed or to actuate at a selected flow rate. These output contacts may be used to operate a remote counter, a chemical feeder or to indicate an out of limit flow condition.

Options available: Proportional Output 4 - 20 mA RS232 Serial Interface Slot Sensor Amplifier Repeating Relay Output Panel Mounting Kit.

All electronic parameters and outputs are field programmable from the front panel — no special tools or test equipment is required.

The standard instruments accept pulses or contact closures from the metering device and converts them to provide a variety of outputs for process control, recording and data transmission. Packages include a NEMA-1 free standing unit and a NEMA-4X wall mount fiber glass enclosure. A panel mounting option is available for the free standing enclosure.

General – The front panel displays both total and flow rate on a 6-digit, 0.55" high LED display. The display is toggled between total and flow rate by depressing the VIEW button on the front panel. The total consumed and all of the meter factors are stored in a solid state EEPROM memory that stores data for up to 10 years if power is lost.

Standard outputs on the instrument include a pair of contacts that can be assigned to the totalizer or to the flow rate or one contact to each. The totalized contact can be used to drive a remote totalizer, a chemical feeder, or another instrument based on quantity. These contacts can also be configured to create a batch counter. The flow rate contacts can be set to actuate at a particular flow to create a single or dual flow alarm actuator.