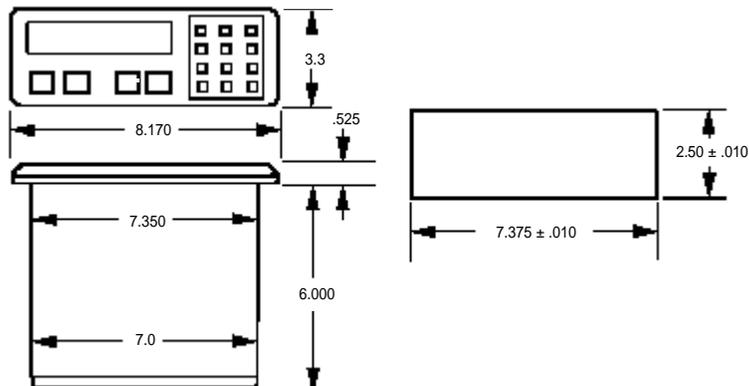




MODEL IN64
TWO STAGE ELECTRONIC
BATCH CONTROLLER
SOLID STATE CONSTRUCTION
START/STOP FEATURE



DESCRIPTION

MODEL IN64 DIGITAL INDICATOR-TOTALIZER-BATCHERS provide instantaneous flow rate indication, totalization of flow volume and control of process batch size from Water Specialties current output transmitters. The reliability of the printed circuit cards and solid state components utilized in construction provide continued accurate and dependable operation of the instrument.

OPERATION Electronic circuitry within the transmitter furnishes a 4-20 mA current signal proportional to the rate of flow through the measuring unit. The IN-64 has two separate 8 digit, floating decimal, "K" factors to convert the input to flow rate indication and totalization.

Two control outputs can be assigned independently by the user to activate at preset batch count, rate or grand total for .1 to 9.9 seconds or until reset externally.

The unit is equipped with an EEPROM which stores all program and totalizer count data for minimum of 10 years in the event of a power failure.

INSTALLATION of the case can be made through the front of an instrument panel. For the best operation of the system the signal line should be of an armored cable and the power and signal lines to the instrument should be placed in separate conduits to prevent extraneous voltages from interfering with the signal.

CASE is high impact thermoplastic. The front panel is NEMA 4X.

DISPLAY is an 8 digit, LED alpha-numeric display with .55" high characters.

The indicator may be configured to read in gallons per minute, cubic feet per second, or any standard liquid measuring units. The totalizer may be configured to read in gallons, cubic feet or any standard liquid measuring unit. The user, with the push of a button can switch back and forth to view flow rate indication and totalization.



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SPECIFICATIONS

ACCURACY Plus or minus .5% full scale max.

TEMPERATURE RANGE 32° F minimum to 130° maximum.

POWER SUPPLY 110 VAC, ±15%

INPUT SIGNAL 4-20mA, (consult factory for other inputs)

12 or 24V POWER Built in to operate transmitter (on AC powered units only)

SHIPPING WEIGHT 5 lbs.

OPTIONAL EQUIPMENT Is available upon request and includes:

- RS232 Serial Interface
- RS422 Serial Interface
- Scaled pulse output
- 4-20mA output through 1000 ohms or less
- Up to 2 control preset outputs
- NEMA 4X case
- Automatic reset
- Also available as pulse input model

ORDERING INFO Must be specified by the customer and includes:
Complete description and specification of equipment to be used in conjunction with this instrument to assure system compatibility.
indicator units
totalizer units
optional equipment desired

AUTHORIZED DISTRIBUTOR