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.

SPECIFICATIONS

ACCURACY

Plus or minus .5% full scale max.

TEMPERATURE RANGE

32°F minimum to 130°F 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