

# Electronic Instrumentation

Models 325 & 325N Remote Totalizers

## Description

The Models 325 Series Remote Totalizers indicate total consumption on a 6-digit, 0.35" LCD display. The totalizers are powered with a set of "N" type alkaline battery cells. The nominal battery life is 4 years with a 50% ON/OFF duty cycle.

A simple contact closure from a normally open switch on the meter or signal source is the only connection required. In the NEMA1 package the totalizer is supplied with a wall mounting bracket, it is also suitable to free stand on a shelf or table. The signal leads are brought into the enclosure through one of the grommets on the sides of the enclosure. The NEMA4 enclosure is wall mountable a NEMA4 cord gland is mounted on the enclosure for wiring.

As supplied the totalizer is optionally resettable with a switch on the front panel or with a remote switch, (See connection diagram). If this feature is not desired it may be disabled. If specified when ordered the desired reset variation will be preset at the factory.



## Features

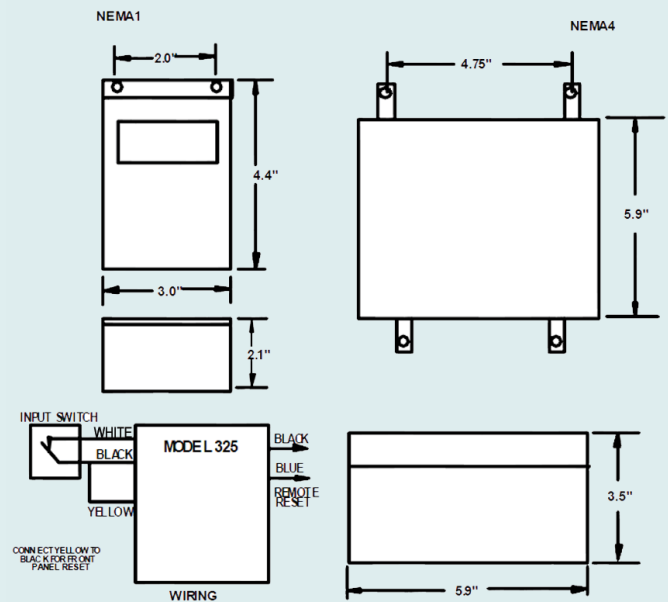
### SPECIFICATIONS

<b>SIZE</b>	NEMA1 — 3.03" Wide, 4.41" High, 2.06" Deep NEMA4 — 5.9" Wide, 5.9" High, 3.5" Deep
<b>POWER SOURCE</b>	2, "N" size, 1.5V Alkaline cells, (supplied) Hazardous rating applies only when the following approved cells are installed. DURACELL #MN9100, EVEREADY #E90, PANASONIC #AM5
<b>NOMINAL BATTERY LIFE</b>	4 years (Based on continuous 24 hour counting with a 50% duty cycle and 25 resets per day).
<b>COUNT INPUT</b>	Single pole, single throw (SPST), Switch Input 14 microamps contact burden.
<b>REMOTE RESET</b>	Switch input same as count input.
<b>OPERATING TEMPERATURE</b>	0 to 50 C

### WIRING

Count connections are made by connecting the WHITE and BLACK wires to the wires from the switch closure. Connections can be made to the wires by twisting the leads together and using the wire nuts included. To activate the front panel reset switch connect the YELLOW wire to the BLACK wire. If front panel reset is not desired do not connect the YELLOW wire. It may be removed from the connector or cut off, if desired. If remote reset is required, insert the connector end of the enclosed BLUE wire into the REM RST (3rd terminal down) position on the connector. The Blue wire is then connected to one of the wires from the remote reset switch,

the other side of the remote reset switch wire is connected to the BLACK wire. (see connection diagram below)



CAUTION: Do not use carbon zinc batteries they have a short life and can leak electrolyte causing internal corrosion damage.

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