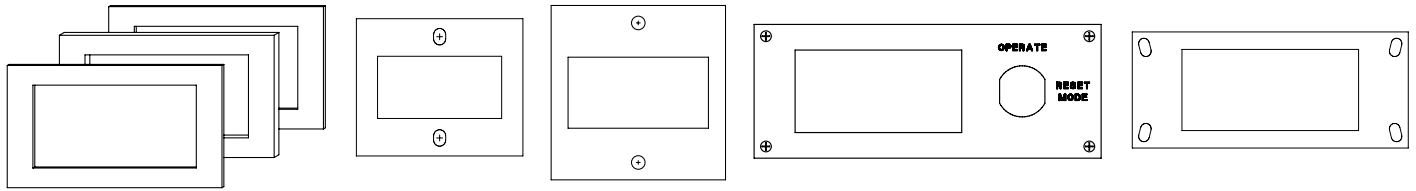


## INSTALLATION FOR PANEL MOUNT KITS



Three panel mount kits for CUB1 and two panel mount kits for CUB2 are available to replace most existing miniature counters on the market today. Most kits come complete with adapter plates, mounting hardware, and gaskets to provide a complete sealed unit after installation. PMK2A is not sealed because of the key lock feature.

### PMK1

This panel mount kit adapts the CUB1 to an oversized 1" X 2" (25 X 50 mm) panel cut-out. The kit consists of two metal panel adapters and one neoprene gasket. The adapter plates and gasket are pinched between the front bezel of the counter and the mounting clips (provided with the CUB in the accessory bag).

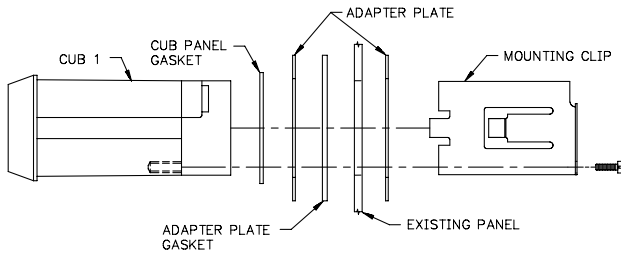


FIGURE 1

## INSTALLATION

*Note: If room permits, install signal connector after counter is mounted. If there is not enough room, pull the wires through before installing as described below:*

1. Pull signal connector through the following items in order:
  - A. One panel adapter plate.
  - B. Through existing panel opening.
2. Slide the following items on the counter.
  - A. Panel gasket
  - B. Adapter plate
  - C. Adapter gasket
3. Install connector into CUB1. Ensure connector is in proper orientation, i.e. lockslots toward left side of case seen from rear of counter.
4. Slide counter through panel cut-out from the front, allowing the counter to center in the panel opening.
5. Install mounting clips (one on either side) with the screws provided. Tighten the screws moderately to "pinch" the gaskets and panels between the front bezel and the mounting clips. (Mounting clips and screws are provided in accessory bag.)

## MOUNTING

The mounting procedure for the remaining panels are identical and therefore procedures are described only once. Figure 2 shows a typical exploded view of individual parts and their placement. CUB2 is shown, however, installation is identical for CUB1.

### For Mounting, proceed as follows:

1. Slide panel gasket over back of counter. (Gasket is supplied in accessory bag with counter.)
2. Slide counter onto adapter plate.
3. Slide adapter gasket onto counter.
4. Attach counter to adapter plate with two mounting clips and screws. (Both mounting clips and screws are supplied in accessory bag with counter.)
5. Pull connector plug through existing panel opening and install in counter. (See CUB1 and 2 Bulletin.)
6. Place complete assembly over existing cut-out lining up the adapter plate mounting holes with existing holes.
7. Use either two or four mounting screws and nuts provided with Panel Adapter Kit to secure panel to existing cut-out. (Two screws and nuts are provided with PMK1A and PMK1B; four are provided with PMK2A and PMK2B.)

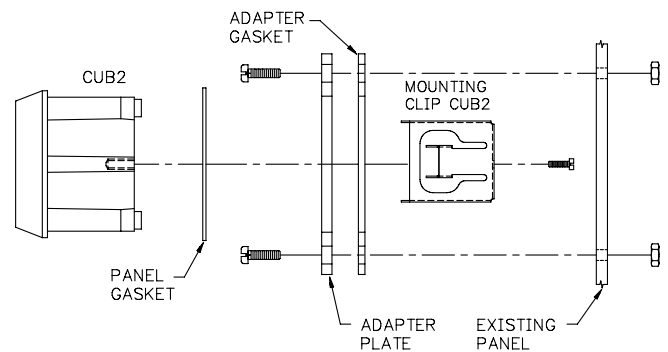


FIGURE 2

# SPECIAL INSTRUCTIONS FOR THE PMK2A

Panel Adapter Kit PMK2A is a panel to accommodate CUB2 and provides a key switch to enable or disable the reset function. Installation for the counter is identical (See reverse.) Two methods for wiring are provided below to enable or disable the reset.

- Twist yellow wire from key switch together with yellow wire from CUB with wire nut provided in accessory bag with CUB.
- Mount adapter plate into existing panel cut-out.

## METHOD B

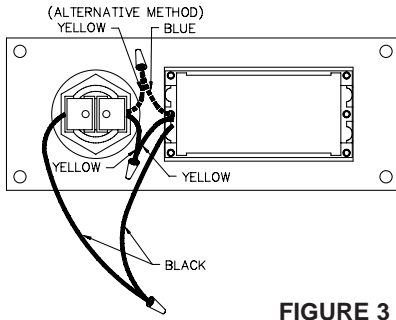
This method can be used to directly reset the counter with the key itself. With the key in the OPERATE position, the counter will continue to accumulate counts. In the RESET MODE position, the counter will reset to zero and remain there until the key is moved to the OPERATE position.

Note: Do not leave key in RESET MODE position for long periods of time, as this will drain the batteries at a faster than specified rate.

## HOOKUP

- Install counter on adapter plate as described under Mounting. (See reverse.)
- Push black and yellow wires with wire lugs (provided with panel kit) on key switch terminals.
- Ensure black wire from CUB is in COMMON location.
- Remove yellow wire from plug. (See CUB1 and 2 Bulletin.)
- Insert blue wire (supplied with CUB in accessory bag) in REMOTE RESET location.
- Twist black wire from key switch together with black wire from CUB with wire nut provided in accessory bag with the CUB.
- Twist yellow wire from key switch together with blue wire from CUB with wire nut provided in accessory bag with the CUB.
- Mount adapter plate into existing panel cut-out.

Note: Because of the key feature, this panel does not provide a sealed enclosure, however, the CUB itself will be sealed.



METHOD A:  
YELLOW TO YELLOW

METHOD B:  
YELLOW TO BLUE

FIGURE 3

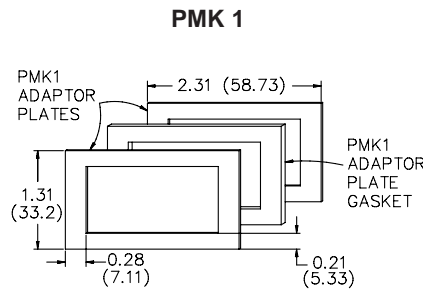
## METHOD A

This method provides a means of disabling the front panel reset by means of a key switch. When the key is in the OPERATE position the counter will operate, but the front panel reset button is inoperative. When the key is in the RESET MODE position, the counter continues to operate, but the front panel reset button can be used to reset the counter.

## HOOKUP

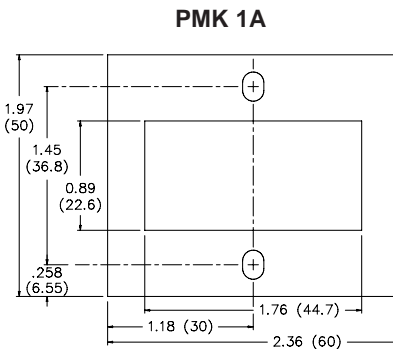
- Install counter on plate as described under Mounting. (See reverse.)
- Push black and yellow wire-lugs (provided with panel kit) on key switch terminals.
- Ensure black wire from CUB is in COMMON location and yellow wire from CUB is in RESET ENABLE location.
- Twist black wire from key switch together with black wire from CUB with wire nut provided in accessory bag with CUB.

## DIMENSIONS In inches (mm)



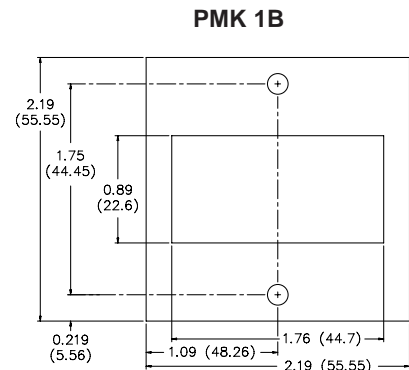
### REPLACES

VEEDER ROOT: 7991 & 7998  
DURANT: Series 3000 & 3100  
IVO: F129, F514, F518, F524 & F544  
SODECO: RG Series



### REPLACES

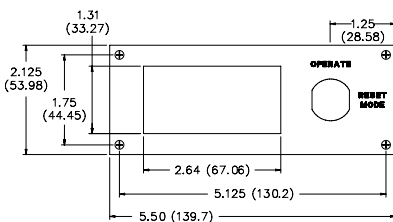
VEEDER ROOT: 7440  
DURANT: Miniature Electric Series  
4Y & 6Y, 3000 & 3200  
HECON: G0402, G0404 & G0414  
IVO: F104, F109, F504 & F574



### REPLACES

VEEDER ROOT: 7437 & 7438

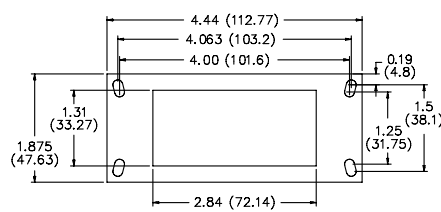
## PMK 2A



### REPLACES

VEEDER ROOT: 1205, 1981, 7443,  
7995 & 7997  
DURANT: Miniature Electric Series  
Y-RMF, Y-MF, YE & 54000

## PMK 2B



### REPLACES

VEEDER ROOT: 1205, 1981, 7443 & 7995  
DURANT: Miniature Electric Series  
Y-RMF, Y-MF, YE, 3200 & 54000