PS3-S Series

FEATURES:

- Battery powered preset counter
- Up/down counter
- LCD display indicates both count and preset
- Accepts a wide range of industrial inputs
- RoHS & CE Compliant

APPLICATIONS:

Batch counting and control, coil winding and wire cutting, length measurement, packing-line control, stop/start control and numerical position control.
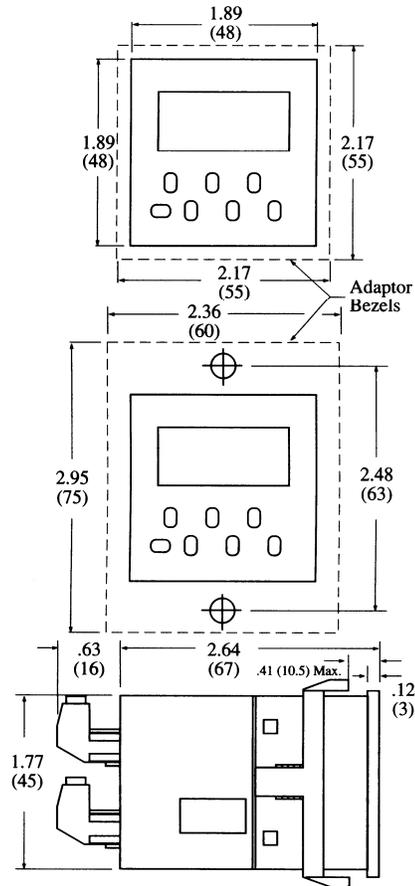
DESCRIPTION:

The PS3-S.. self-powered 6 digit preset counter accepts a wide range of inputs including AC/DC and contact closure.

It has two replaceable batteries that allow for up to 8 year of operation. Each unit has a preset constantly shown below the main display. The preset can be latched until reset or auto-cycled in a count up to the preset or a count down to zero function. These features, easy setup and programming make it a simple solution for many applications.

SPECIFICATIONS:

Model	PS3-SP	PS3-SPS
Function	Preset Counter	
Voltage Supply	2 replaceable 3V lithium batteries that provide power for up to 8 year. Low battery indicator	
Display	LCD 2 Lines of 6 digit s. Line 1: 0.28" (7 mm) indicates count. Line 2: 0.16" (4 mm) indicates preset, with programmable decimal point up to 3 places	
Input	Opto-isolated 12-250V AC/DC	Contact Closure
Count Speed	35 Hz max	
Reset	1) Front push button 2) external input 3) Automatic, User selectable reset to 0 (add) or to preset (sub).	
Preset	Single front keypad programmable 6 digit preset, count up (add) with output at preset or count down (sub) with output at zero. Unit may have to be reset for a new preset to take effect.	
Control Output	Relay (N.O. or N.C.) self latching, contacts rated at 2A @ 30VDC, 0.5A @ 240VAC resistive load. In the manual reset mode (loop off), the output will remain latched until reset. In the auto-reset (loop on) mode the output will remain "on" for a user selectable time delay (100 to 500msec.).	
Keyboard Disable	Rear contact closure to disable front keypad	
Programming	Keypad for all functions	
Housing	Black Plastic	
Mounting	Panel Mount	
Connection	Terminals	
Environmental	Front panel IP 65 (NEMA 4)	
Temperature	Operating: +14 to +122 °F / -10 to + 50 °C Storage: -14 to +140F / -20 to +60 °C	

Wiring:

PS3-SP

12 - 250 VAC/VDC

7	Input Common
6	Reset
5	Count Input
4	Relay
3	Relay
2	Keypad Lock
1	+3V

Close to disable front keypad

PS3-SPS

7	Input Common (0V)
6	Reset
5	Count Input
4	Relay
3	Relay
2	Keypad Lock
1	Keypad Lock

Close to disable front keypad

Dimensions:

1.89 (48)
1.89 (48)
2.17 (55)
2.17 (55)
Adaptor Bezels
2.36 (60)
2.95 (75)
2.48 (63)
.63 (16)
2.64 (67)
.41 (10.5) Max.
.12 (3)
1.77 (45)