

## 7999F8-302 MicroMITE Series Totalizing Counter

A compact totalizing counter module for printed circuit board or panel mounting. 8 digit, 8mm high, LCD display with backlight capability. An external lithium battery (not supplied), is normally used to support memory and counting. Current demand is typically 3 $\mu$ A quiescent, 6 $\mu$ A counting. Backlight requires additional current.

Count speeds to 10kHz are possible. An internal contact-bounce filter allows accurate counting from switch or relay contacts.

Electrical connections are made via rear pins which may be soldered to a host printed circuit board or connected by pin terminals. A remote electronic reset to zero is provided.

An ideal choice where maximum display impact is wanted in a small area. Typical applications include test instruments, and cycle or event counting.



- 8 digit high contrast LCD characters
- 8mm high digit size
- Quiescent current less than 3 $\mu$ A
- Display backlight capability
- Remote reset input



TIME



COUNT



MEASURE

8:43

DISPLAY

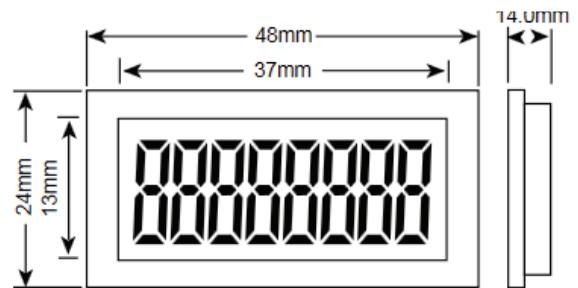
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ESVR 09082016

## SPECIFICATIONS

SUPPLY VOLTAGE	2.7 - 3.3VDC
CURRENT CONSUMPTION	3µA quiescent, 6µA counting (typical); backlight 80mA
DISPLAY	8 digit black LCD, 8mm characters with leading zero blanking
COUNT RANGE	99,999,999 display rollover to 0
COUNT INPUT	Low Speed: contact closure/open collector, 30Hz maximum, negative edge triggered, 0.7v threshold, 25mS minimum pulse length High Speed: TTL/CMOS compatible, 10kHz maximum, positive edge triggered, 0.7v threshold, 18v maximum, 50µS minimum pulse width
RESET	Contact closure/open collector, negative edge triggered, 0.7v threshold, 18V maximum, 15mS minimum pulse
OPERATING TEMPERATURE	+32° to +122°F (0° to +50°C)
STORAGE TEMPERATURE	-4° to 158°F (-20° to +70°C)

## DIMENSIONS



## ORDERING INFORMATION

Standard Models

07999F8-302 Totalizing Counter, unidirectional, backlight display

Special variations may be available. Please consult factory.