

799984-302/402 MicroMITE Series Totalizing Counter

Ultraminiature totalizing counter module for printed circuit board mounting. 6 digit, 6mm high, LCD display. May be powered by an external lithium battery (not supplied), memory and operation are maintained over long life.

A bidirectional counting model, accepts count pulses on one input while a second input commands the counting direction. PCB solderpins are provided for electrical connections. An attractive panel mount installation can be made using the provided bezel.

Count speeds to 10kHz are accepted. All models feature remote electronic reset to zero. An ideal choice where a low cost, high performance totalizing counter is required. Typical applications include metering and dispensing, operation or event counting and electronic distance measurement (odometer).



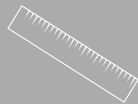
- 6 digit, 6mm high LCD digits
- Quiescent current less than 5 μ A
- Very long operation on external battery
- Panel mounting bezel provided
- Bidirectional model available
- Remote reset input



TIME



COUNT



MEASURE

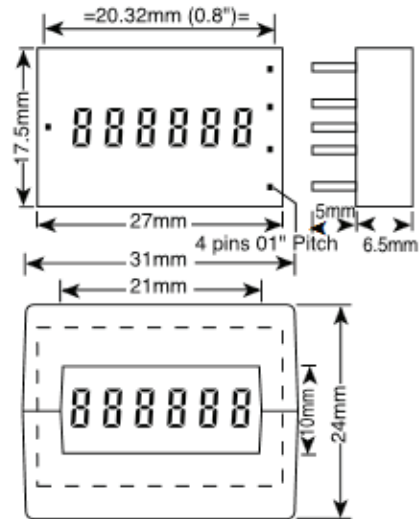
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DISPLAY

SPECIFICATIONS

POWER SOURCE	External, 2.6 - 3.4VDC (not provided)
CURRENT CONSUMPTION	5µA quiescent, 10µA at 10kHz
DISPLAY	6 digit black LCD, 6mm characters with leading zero blanking
COUNT RANGE	999,999 display rollover to 0
COUNT INPUT	10kHz maximum, negative edge triggered, 0.7v threshold, 50µS minimum pulse length, TTL/CMOS Compatible
RESET INPUT	Negative edge triggered, 0.7v threshold, 15mS minimum pulse length, TTL/CMOS Compatible
DIRECTION INPUT	799986-402: Add=logic 1, Subtract=logic 0 (0v)
OPERATING TEMPERATURE	+14° to 140°F (-10° to +60°C)
STORAGE TEMPERATURE	+14° to 140°F (-10° to +60°C)
MATERIAL	Clear polycarbonate
ENVIRONMENTAL PROTECTION	IP40/DIN40050
WEIGHT	0.017 lbs. (7.5g)

DIMENSIONS



ORDERING INFORMATION

Standard Models

0799986-302 Totalizing Counter, unidirectional

0799986-402 Totalizing Counter, bidirectional

Special variations may be available. Please consult factory.