



A modern compact electronic totalizer . . . self-powered with 8 large LCD figures and choice of unidirectional or bidirectional models



The MITE Series is a versatile family of LCD totalizers that includes unidirectional and bidirectional models. Based on the latest CMOS circuitry, they feature a long-life internal power source, high count-speed capability, and eight-digit liquid crystal display.

The bidirectional MITE totalizer provides count/direction operation – one input receives count pulses, while a second input controls counting direction.

- Front panel and remote reset
- NEMA-4/IP65 environmental sealing
- Easy-to-read, high contrast Liquid Crystal Display (LCD)
- UL recognized, CSA Certified
- 10-year battery life
- Quick and easy panel mounting with slide-on clips
- Supplied with prewired plug-in connector
- Accessory snap-on adaptors for high voltage count signals
- Small overall size – minimal 1.2" (30mm) depth behind panel
- Very low priced – without sacrifice of performance or reliability

MITE totalizers are rated NEMA-4/IP65 for water and dust-proof integrity of their front panels when mounted with the provided gasket. Instant reset to zero is accomplished via its front panel push-button or remote-reset command. For non-reset applications, the panel reset can be disabled.

For selectable decimal point or input scaling, see Series A103
For heavy duty construction, see Series 7997

SPECIFICATIONS

- Display:** 7 mm character height; eight-digit LCD
- Power:** Internal lithium battery; Ten-year typical life
- Operating Temperature:** +14° to +144 °F (–10° to +60°C)
- Storage Temperature:** +4° to +144 °F (–20° to +60°C)
- Environmental Integrity:** Front panel meets NEMA-4/IP65 requirements, when used with clip mount and gasket provided
- Reset:** Front panel push-button and remote reset; Panel Reset Enable: Link to common to enable front-panel reset button; Remote Reset: Provides reset via remote contact closure or open collector transistor
- Connection:** Integral plug; Mating connector provided; Accessory screw termination available

Signal Inputs for 79998D-110:

High-Speed Input: For use with logic level voltage, TTL, CMOS open collector NPN transistor

Frequency Response: 10,000 Hz, 50 µsec minimum pulse length.

Input Voltage: Logic 0: <0.7 volts DC; Logic 1: >2.4 volts DC;

Maximum Input: 18 volts DC; NOTE: Accessory modules may be used for high voltage input signals

Low-speed Input: For use with isolated switch/relay contact.

Frequency Response: 30 Hz maximum

Signal Input for 79998D-410 (Bidirectional Totalizer): To be used only with electronic inputs, TTL/CMOS compatible

Frequency: 10 kHz maximum, minimum pulse length 50 µsec.

Input Voltage: Logic 0: <0.7 volts DC; Logic 1: >2.4 volts DC;

Maximum input: 18 volts DC

Direction Input: Add: No connection; Subtract: Connect to common

Approvals: CE; UL recognized; CSA certified

Model No.	Description
079998D-110	MITE Totalizer
079998D-410	MITE Totalizer, Add/Subtract

ACCESSORIES

AC/DC Input Module: Allows use of high voltage input signal of 5 to 240 VAC/DC. Impulse frequency is 0 to 18 Hz. Connections are via screw terminations. Part Number 108938-0001

Screw Terminal Adaptor: Provides the convenience of screw terminal connection of input signal and remote reset. Part Number 108937-0001

