

ME7 - Totaliser Counter

FEATURES

- 8-digit electronic totaliser counter.
- self-powered (internal Lithium battery).
- suitable for use with all Reed Switch contact-closure flowmeters e.g. SW, SIM, KSS, PSM.
- for 1 pulse per 1 count input (i.e. no scaling).



A. DESCRIPTION. Series 7999 is a self-powered, eight digit electronic totalizing counter.

WARNING: THIS PRODUCT CONTAINS A LITHIUM BATTERY, THEREFORE IT MUST NOT BE CUT OPEN, OR DISPOSED OF IN A FIRE OR EXPOSED TO TEMPERATURES OUTSIDE THE RANGE +14° F to +140° F (-10° C to +60° C). CONTACT LOCAL AUTHORITIES FOR INFORMATION REGARDING A SUITABLE DISPOSAL SITE.

B. SPECIFICATIONS.

Display: Eight-digit LCD, 0.315" (8mm) character height.

Power: Internal lithium battery. Ten years typical life (at 20° C).

Operating Temperature Range: +14° F to +140° F (-10° C to +60° C).

Storage Temperature Range: +14° F to +140° F (-10° C to +60° C).

Enclosure Rating: Front panel meets NEMA4/IP65 requirements, when used with clip mount and gasket provided.

Mounting: Panel mount (clip mount provided).

Inputs:

Common: (Pin 1)

Panel Reset Enable: (Pin 2) Link to common to enable front panel reset button.

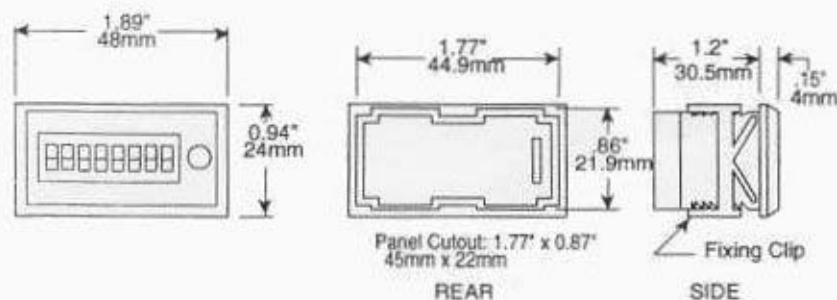
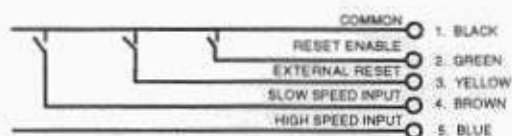
Remote Reset: (Pin 3) Provides reset via remote contact closure or open collector negative edge triggered. 0.7 V threshold, minimum pulse length 15ms.

Slow Speed Count Input: (Pin 4) Contact-closure/open-collector input, 30Hz maximum, negative edge triggered, 0.7V threshold, 15ms minimum pulse width.

High Speed Count Input: (Pin 5): Contact-closure/open-collector input, 10kHz maximum, negative edge triggered, 0.7V threshold, 50µs minimum pulse width. TTL/CMOS compatible.

Connection: Integral plug. Mating connector provided. Accessory screw termination adaptor available (see "Accessories").

CONNECTION DETAILS.



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