

# ME5-T - Resetable Totaliser LCD Indicator

## DATA SHEET

### FEATURES

- 5 digit LCD display for Total.
- Total easily reset via button on lid, or optionally via internal reset button.
- Pulse output.
- Fully programmable functions.
- Supply: Internal Battery, or external 5-25 VDC or 240 vac.
- IP65 enclosure, with cover to protect LCD from UV light.
- Side lugs for mounting.
- Compatible with most pulse output flowmeters.
- Australian-made, by Manu Electronics.



The ME5-T is designed to operate with a wide range of pulse/signal output or coil output flowmeters, providing a resetable Total display. The ME5-T is supplied with the LCD display programmed to show Total in one of a number of different indicated values. The Totaliser total is reset by simply pushing the lid button once, or optionally, via an internal reset button (the external button then just wakes the Indicator if its in power-saving sleep mode). Power is via either an internal Lithium battery with a life of up to 10 years, or via external 5-25 VDC supply or 240 vac supply. The ME5-T will accept flowmeter input pulses at up to 2,000 Hz. The ME5-T is housed in a compact IP65 Polycarbonate enclosure with moulded mounts, which allows the ME5-T to be used in a wide range of field applications. All application parameters will be pre-programmed according to your requirements, including display unit preferences and flowmeter K-factor. Scaling can be recalibrated if necessary, using internal buttons.

### Technical/Electrical Specifications

- |                         |   |
|-------------------------|---|
| <b>Display</b>          | LCD, 10mm high digits.  |
| • Total                 | • Resetable. 5 digits upto 2 decimal places, in Millilitres, Litres, Kilolitres, Megalitres |
| <b>Power Options</b>    |   |
| • Battery               | • 3.6v Lithium battery (5 -10yrs life). (Suitable for Reed or Coil flowmeters only).        |
|                         | • automatic sleep mode to preserve battery power (only if Battery powered).                 |
|                         | • consumption: 80µA during 'on' state while counting, 10µA in dormant state.                |
| • External power DC     | • +5 to 25 VDC (supplies same voltage level to flowmeter)                                   |
| • External power AC     | • 240 vac (supplies 15 VDC to flowmeter)  |
| <b>Output</b>           | Scalable via program.   |
| • Pulse output          | • Non-isolated 5-25 VDC. Maximum 100Hz, 100mA. 5ms fixed pulse width.                       |
|                         | • 50% duty cycle @ 100 Hz.  |
|                         | • Note: Pulse Output is optional for battery units, and standard for other models.          |
| <b>Enclosure</b>        |   |
| • Dimensions (mm)       | • 120 Width, 95 Height, 60 Depth  |
| • Rating IP65           | • Waterproof Polycarbonate enclosure. Protective cover and external mounting lugs.          |
| • Access                | • 4 removable stainless steel screws to access internal programming and wire-up.            |
| • Electrical connection | • IP67 cable gland entry (1 entry if Battery powered, 2 if externally powered)              |
|                         | • screw terminal connections.   |

### ME5-T TOTALISER LCD Indicator – Product Order Codes

ME5 – T (-IR) – power – No. of decimal places – units

|   |      |   |                  |   |
|---|------|---|------------------|---|
|   | ↑    | ↑ | ↑                | ↑ |
| add for Internal Reset, else omit   |      |   |                  |   |
| Battery (without pulse output)  | = B  | 0 | ML = MilliLitres |   |
| Battery (with pulse output)   | = BP | 1 | L = Litres       |   |
| external DC power   | = D  | 2 | KL = KiloLitres  |   |
| external AC power   | = A  |   | M = Megalitres   |   |
| e.g. "ME5-T-B-1-L" is ME5-T Totaliser, internal battery powered, with display to 1 decimal place showing Litres |      |   |                  |   |



Note: Due to continuous product improvement, specifications are subject to change without notice.