Totalizing Counter, Battery Powered
Resettable/Non-Resettable

Model CTR 27

Display: Eight-digit (8 mm) high characters, black LCD.

Power: Internal lithium battery.

Battery Life: Ten years (calculated at 20°C).

Operating Temp.: +14°F to +140°F

Storage Temp.: +14°F to +140°F

Mounting (Up to 25¡): Either with clip mount or screw mount bezel with two front screw holes. Screws not included.

Sealing: Front panel sealed to IP65/NEMA4, when used with clip mount and gasket provided.

Panel Cut-Out: 45 x 22 mm ± 0.6 - 0.0 (max. panel thickness 7.5 mm)

Inputs:
- COMMON (PIN 1) BLACK
- RESET ENABLE (PIN 2) GREEN
  Link to common to enable front panel reset key.
- EXTERNAL RESET (PIN 3) YELLOW
  Contact closure/open collector negative edge, triggered 0.7V threshold, minimum pulse length 15 ms.
- SLOW SPEED COUNT INPUT (PIN 4) BROWN
  Contact closure/open collector input, 30 Hz max. negative edge switching, 0.7V threshold, minimum pulse length 15 ms.
- HIGH SPEED COUNT INPUT (PIN 5) BLUE
  Electronic input, 10 KHz max. negative edge switching, 0.7V threshold, minimum pulse length 50 μsec.
  TTL/CMOS compatible.

Operation. The CTR 27 battery-powered counter provides an economical remote total display for Elster AMCO Water flow meters. A low speed pulser is generally recommended for this application; however, this unit is capable of accepting electronic inputs up to 10 KHz. Wiring diagrams for Elster AMCO Water meters and pulsers are available upon request.

The reset feature can be configured for front panel reset, a remote reset switch or disabled.