





# "A RANGE OF NEW GENERATION DATA LOGGERS FULLFILLING THE DEMAND FOR AN ACCURATE AND RELIABLE LOGGER WITH EXCELLENT LOCAL SUPPORT."

# **Feature Summary**

- 2 x Pulse input channels
  - Separate or combined volumes of one or two meters
  - Understands Elster PR7 Pulse unit bi-directional flow logic
  - o 1 x bi-directional meter or 2 x uni-directional meter logging
  - Flow Rate logging
- Internal Pressure transducer (optional)
  - UltraStable®
  - o 20 Bar
- 4-20mA Analogue Input with external power source
- Event capture using Min & Max feature
- Large 4Mb memory capacity
- Upgradable firmware
- Quick NZ battery replacement service
- Omni2 for Windows® included
- IP67 1m/24hr
- Options include
- LCD display
  - Logger state, Flow rate, Volume, Pressure & History

Designed and built in New Zealand these loggers are the perfect tool to allow councils, consultants, industry and agricultural sectors to collect vital information on the status of their reticulation systems and networks







# **SPECIFICATIONS**

# **External Inputs**

2 x pulse input channels max 100Hz Uni-directional

1 or 2 separate meters

1 and tamper detection

1 + 2 combination meters

Bi-directional

1 - 2

Fwd/Rev Pulse or Pulse/Direction flag (low = reverse flow)

1 x pressure input channel, internal

20 Bar standard

6.6 Bar optional and others on request

0.5% accuracy FSR

1 x 4-20mA using external power source

## **System Inputs**

Temperature (internal) Logger battery voltage

## Memory

4Mb in 32bit format 220,000 records for single input 155,000 records each for three channels

#### Logging Period

1 second to 24 hours in preset steps

# Logging Style

Start now

Start Midnight Start date/time

Start on event

Stop date/time

Stop on event

#### Logger Battery

2 x AA 3.6v Lithium, recommend return to ADR for replacement.

Estimated life of up to 5 years for non-LCD, up to 3 years for LCD.

Actual battery life will depend on logging period plus what channels and options are enabled.

#### Software

Omni2 for Windows® XP, Vista, 7 & 8 Reporting and graphing Export data to Excel or Text CSV file if Excel not installed

#### **Environmental**

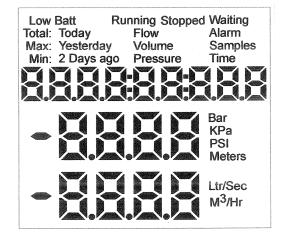
Storage -10 to +70°C Operating -10 to +70°C IP67 1m/24hr Logger 135mm W x 82mm H x 40mm D Modem 120mm W x 100mm H x 40mm D

# **Display Option**

Current Flow and Pressure with total volume Historical Max/Min Flow and Pressure with daily volumes Low Battery alarm & user set condition alarm state Logger running state & number of samples collected Minimum pulse interval of <30 seconds required for flow display

Maximum pulse rate for flow display 50Hz





**WELLINGTON HEAD OFFICE**