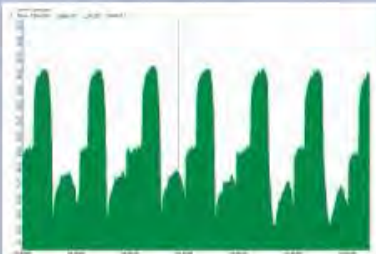


LoLogLL/Vista

Data Loggers



Halma Water Management



Typical Rad Log display showing LoLogLL/Vista data from a district meter.

Introduction

LoLogLL/Vista™ is highly flexible yet simple and economical. Designed for portable use, it can be applied to virtually any data logging application in minutes.

Once installed, LoLogLL/Vista™ can operate unattended until you need the data. It is ideal for harsh applications.

Both LoLogLL™ and LoLog Vista™ are available with 1 or 2 input channels but LoLog Vista™ has the extra benefit of an integral LCD display, giving a clear local indication of either one or both input channels. Both are completely waterproof, submersible and battery powered.

Typical Applications

Customer Metering Diagnostics - Data Logging

5 YEAR BATTERY LIFE

PORTABLE

RUGGED DESIGN

INFRA RED

LoLogLL/Vista™ can be quickly applied when it is necessary to carry out an urgent investigation. Programmed in minutes, LoLog can be attached to any pulse output meter and will immediately start logging.

Demand Management Assessments

LoLogLL™ is widely used to help planners assess demand in residential areas. LoLogLL™ is small and light and fits easily in boundary boxes. LoLog Vista™ can alternatively be used as a solid state pressure gauge, or local indicator for other electrical signals, such as from digital flow meters.

District Monitoring

LoLog Vista™ is highly economical and is well suited to connection to district metering where telemetry is not desirable or appropriate



Features

- Up to 5 year battery life in normal use
- For reed switch type sensors
- PD10 with inline battery box
- Uni-directional flow
- Memory 16,000 readings
- Local data download, via Infra-Red interface into Laptop, PC or PDA
- Rugged die cast aluminium case
- Fully sealed & submersible, IP68
- Integral LCD with continuous display (LoLog Vista only)



HYDREKA



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FLOW MEASUREMENT

DATA LOGGING

LEAK DETECTION

PRESSURE MANAGEMENT

LoLogLL/Vista

Data Loggers



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PRODUCT SPECIFICATION

Sensor Input Options	Digital	Uni- or Bi-directional pulse. Reed switch contact closure type or other non powered sensors including Kent LRP & PU10 pulse heads, Aquamag/Magmaster. Up to 64 pulses per second.
	Analogue	Internal Pressure Transducer: 0-20 bar / 0-200 metres head / 0-300 psig, accuracy $\pm 0.25\%$. 4-20mA from isolated sensor. 0-1v, 1-5v, or 0-100mVolt.
Logging Features	Memory	Recording 16,000 readings in continuous (cyclic) operation. (memory expandable to 32,000 readings on request) Can be programmed to read continuously (cyclic mode) or for a specific period of time (block).
	Frequency	Sample Period - in 1 seconds increments, up to 24 hours.
	Logger ID	Up to 8 alphanumeric characters.
	Site ID	Up to 127 alphanumeric characters.
	Clock	On board 24 hour real time clock with date facility.
	Count and Event Logging Modes	Count and Event (PIT) logging modes, with bi-directional capability.
Communication	Calibration	Totaliser calibration – tenths of litre per pulse.
	Serial	RS232 by Infra-red port for connection to PDA or RadLink hand held programming and data collection unit, laptop PC, or desktop PC upto 9,600 Baud.
	LCD Display (optional Vista)	4.5 digit Liquid Crystal Display showing one or toggling between both input channels : Real time, Latest reading, Min value last 24 hrs or Totaliser (flow meter reading).
Physical	Dimensions	160H x 108W x 45D mm (6.3"H x 4.3"W x 1.8"D).
	Construction	Die-cast aluminium enclosure, powdercoat spray painted.
	Weight	0.8Kg (1.8 lb).
	Operating Temp	-20 to +70°C (-5 to +160°F).
	Ingress protection	IP68 submersible.
	Power	Lithium battery operational for 5 years under normal operating conditions. Warranted for continuous operation of up to five years. Data recoverable at factory with low battery condition.

HWM reserve the right to change the specification of any product without prior notice.

R D L 5 1 [] LF / ip1 ip2 V

1= 1 input
2=2 inputs

0= no input
2= 0-1 volt input
3= external pressure
4= digital pulse
5= 4-20mA
6= internal pressure

LoLogLL - Blank = No display
Vista - V = (ie Internal LCD display)

A
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Allied Power
We Empower Your Business

FLOW MEASUREMENT DATA LOGGING LEAK DETECTION PRESSURE MANAGEMENT