LoLog
Data Logger

LARSEN
WATER MANAGEMENT
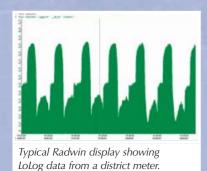
Introduction

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

Typical Radwin display showing LoLog data from a district meter.

Once installed, LoLog can operate unattended until you need the data. It is ideal for harsh applications.

LoLog is available with 1 input channel (flow or pressure) and is completely waterproof, submersible and battery powered.

Typical Applications

Customer Metering Diagnostics

LoLog can be quickly applied when it is necessary to carry out an urgent investigation. Programmed in minutes, LoLog

5 YEAR BATTERY LIFE · **PORTABLE** · **RUGGED DESIGN** · **INFRA RED**

can be attached to any pulse output meter and will immediately start logging.

Demand Management Assessments

LoLog is widely used to help planners assess demand in residential areas. LoLog is small and light and fits easily in boundary boxes.

District Monitoring

LoLog is highly economical and is well suited to connection to distribution networks where telemetry is not desirable or appropriate.

Features

- 5 year battery life in normal use
- Reed switch type sensors
- PD10 with inline battery box
- Uni and Bi-directional flow
- Internal or external pressure sensor
- Local data download, via Infra-Red interface into Laptop, PC or PDA
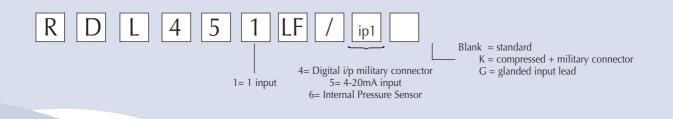- Rugged metal loaded plastic case
- Fully sealed & submersible, IP68

FLOW MEASUREMENT   DATA LOGGING   LEAK DETECTION   PRESSURE MANAGEMENT

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PRODUCT SPECIFICATION

Sensor Input Options	Digital	Uni- or Bi-directional pulse.
		Reed switch contact closure type or equivalent sensors including Kent LRP & PU10 pulse heads, Aquamag/Magmaster.
		Up to 64 pulses per second.
	or Analogue	Internal Pressure Transducer
		0-20 bar / 0-200 metres head / 0-300 psig, repeatability <0.1%.
		4-20mA from isolated sensor.
Logging Features	Memory	Recording 16,000 readings in continuous (cyclic) operation.
	Frequency	Sample Periods
		In 1 second increments from 1 to 60 seconds.
		Then 1 minute increments from 1 to 60 minutes.
		Then 1 hour increments from 1 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	Serial	RS232 by Infra-red port for connection to a PDA hand held computer, laptop, or desktop PC 9,600 Baud..
Physical	Dimensions	115H x 67W x 35D mm (4.5"H x 2.6"W x 1.2"D).
	Construction	Rugged metal loaded plastic enclosure.
	Weight	210g (0.5 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.

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

R	D	L	4	5	1	LF	/	ip1	

1= 1 input

4= Digital i/p military connector
5= 4-20mA input
6= Internal Pressure Sensor

Blank = standard
K = compressed + military connector
G = glanded input lead