

LoLog

Data Logger

FLOW MEASUREMENT DATA LOGGING LEAK DETECTION PRESSURE CONTROL ENVIRONMENTAL MONITORING



KEY BENEFITS

- Low cost.
- 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 InfraRed interface into Laptop, PC or PDA.
- Rugged metal loaded plastic case.
- Fully sealed & submersible, IP68.

LoLog is highly flexible yet simple and economical data logger designed to provide information on the performance of water supply networks. Highly portable, it can be applied to virtually any data logging application in minutes.

Once installed, LoLog can operate unattended until you need the data. It is ideal for harsh applications. LoLog is available with a single input channel (flow or pressure) and is completely waterproof, submersible and battery powered. Downloaded data can be analysed using supplied software to show data trends, make comparisons, create reports and keep archives.

Typical Applications

Customer Metering Diagnostics

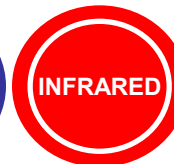
LoLog can be quickly applied when it is necessary to carry out an urgent investigation. Programmed in minutes, LoLog can be attached to any pulse output meter and will immediately start logging.

Demand Management Assessments

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

District Monitoring

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



For more information call (513) 831-9335
or visit www.fluidconservation.com

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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 hnd held computer,
		laptop, or desktop PC 9,600 Baud..
Physical	Dimensions	4.5"H x 2.6"W x 1.2"D (115mm H x 67mm W x 35D mm D)
	Construction	Rugged metal loaded plastic enclosure.
	Weight	0.5 lb (210g).
	Operating Temp	-5 to +160°F (-20 to +70°C)
	Ingress protection	IP68 submersible
	Power	Lithium battery operational for 5 years under normal operating conditions.

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

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