



ENIGMA

An advanced multipoint correlation system for locating leaks in buried pipes

CORRELATING LOGGER

Sensor

Type	Integral Accelerometer
Frequency range	1-2400 Hz
Sensitivity	10 V/g
Attachment	Integral Magnet

Sampling

Rate	4860 Hz
Resolution	24-bit
Number of epochs	1, 2, or 3
Epoch duration	60 seconds
Max total recording time	180 seconds

Memory

Data store	32MB static RAM
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Communications

Type	Optical
Rate	2.5 Mbits/sec

Power

Type	Dual lithium cells
Replaceable	At factory or service centre
Operating life	>5 years (when standard programming used)

Physical

Dimensions	104mm (high) x 59mm (diameter)
Material	Aluminium
Waterproof	Submersible to IP68
Operating Temperature	-10°C to +60°C

COMMUNICATIONS CASE

Host Communications

Type	USB
Rate	2.5 Mbits/sec
Data saved into case	One run (8 correlations)

Power Supply

Type	User replaceable alkaline 4 cell pack
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Physical

Dimensions	8 logger: 410 x 325 x 172 mm 3 logger: 270 x 246 x 174 mm
Material	Ruggedised high impact plastic
Waterproof	IP65
Operating Temperature	-10°C to +60°C

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