

# LOGSTOR *Detect*



## RedDetect™ A1e – for well surveillance

The A1e unit is used for the surveillance of wells, pump stations, exchanger stations, low points and the like. The unit features 12 separate input sockets and can measure factors such as moisture, temperature, water level and pressure.

The A1e uses uninsulated copper wires to monitor the electric resistance in pre-insulated pipe networks. The system can be used on transmission networks where the service pipe carries district heating water.

Four versions of the A1e surveillance unit are available:





- A1e - The standard unit with transformer power supply.
- A1e-B - As the A1e, with power supply from a lithium battery.
- A1e-G - As the A1e, with a built-in GPRS communication system.
- A1e-BG - As the A1e, with a built-in GPRS communication system and lithium battery.

The four versions can be used for systems with installation or coaxial cables.

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RedDetect™ A1e - Technical data	
Weight	0.5 kg
Dimensions	L x W x H: 200 x 110 x 60 mm
Range	2 x 5,000 m wires, 4 channels (2 loops)
Measurement input	Features 12 separate input sockets for registering: level, moisture, temperature, water level, etc.
Measurement range – Insulation	1 Kohm – 1 Mohm
Alarm transmitters	Optical and acoustic – and, with XTool software, relay output
Signal	Network, GPRS, fibre
Encapsulation	Polycarbonate, halogen-free – IP 67
Range of application	-20°C – +70°C
Power supply	Transformer 110/230 V AC, 12 V DC – or battery
Power consumption	< 50 µA
Placement	Indoors or in a terrain cabinet
CE approved	

Type	Egenskaber	Tilbehør	
A1e	Standard, as described above.	Transformer Included	
A1e-B	As the A1e, but with a lithium battery instead of a transformer. In normal conditions, the battery service life is more than eight years.	Battery Included	
A1e-G	As the A1e but with built-in GPRS unit	Antenna Included	
A1e-BG	As the A1e-G, but with a lithium battery instead of a transformer. Includes monitoring of the battery voltage.	As B and G	
	Graphic software	XTool To be ordered separately	

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