

LOGSTOR Detect Detector A1e

Secure long lifetime of the pipe system



Detector A1e

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.



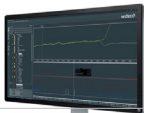
The A1e uses uninsulated copper wires to monitor the electric resistance in pre-insulated pipe networks. The system can be used on transmission and distribution networks where the service pipe carries district heating water.

Two versions of the A1e surveillance unit are available:

- A1e-G - with a built-in GPRS communication system.
- A1e-BG - with a built-in GPRS communication system and lithium battery.

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

Technical data

Detector A1e		Type	Properties	Accessories
Weight	0.5 kg	A1e-BG	With built-in GPRS unit and a lithium battery instead of a transformer. In normal conditions, the battery service life is more than eight years.	Battery Included 
Dimensions	L x W x H: 200 x 110 x 60 mm			
Range	2 x 5,000 m wires, 2 channels (2 loops)	A1e-G	Standard with built-in GPRS unit.	Antenna Included 
Measurement input	Features 12 separate input sockets for registering: level, moisture, temperature, water level, etc.			
Measurement range - Insulation	1 Kohm - 1 Mohm	Graphic software		XTool To be ordered separately 
Alarm transmitters	Optical and acoustic - and, with XTool software, relay output			
Signal	Network, GPRS, fibre, 4 G			
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				

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