

EDGE

A1e

Advanced detection & monitoring for sensitive areas

Edge A1e is the ultimate detector for ensuring security and efficiency in sensitive environments. The A1e measures critical parameters such as temperature, pressure, liquid levels, flow, and humidity, making it a versatile solution for various industrial needs.

Immediate alarms for flooding, elevated temperatures, or intrusion allow for quick action, reducing the risk of severe damage. Additionally, Edge A1e can detect leaks in insulated pipelines for district heating and cooling, making it an invaluable component of your monitoring strategy.

Application

Detects and localizes issues in sensitive areas.

Wioniq Platform

Our smart and scalable platform gives you full control over your monitoring in real time. With a user-friendly interface and intuitive design, the platform simplifies not only monitoring but also analysis and statistics, providing you with actionable insights and decision-making support.

Key features

- Immediate flood detection for quick action
- Instant leak detection in pipes for safety
- Connect up to 4 sensors (0-10V or 4-20mA)
- Connect up to 4 sensors (digital channels)
- Connect up to 4 PT1000 (temp)
- Built-in 4G for wireless connectivity
- Alerts via SMS and email for notifications
- Integration with SCADA, GIS/NIS
- Integration with BMS via API, webhooks
- Cost-effective solution with high performance
- Easy installation for smooth implementation
- Compatible with Energy Harvester WEHM1
- Visualization in Wioniq Platform
- Potential free relay NC / NO

General

Model
Edge A1e

Models
A1e, A1e-G, A1e-B, A1e-BG

Range
2 x 5000m

Digital Inputs
4

Analog Inputs
4 x 0-10V/4-20mA*

Technical Specification

Enclosure Rating
IP68

Power Supply
12VDC trafo or battery

Working Temperature Range
-20°C to 70°C

Dimension Base Unit
220 * 110 * 60

Case Material
ABS

Measurement

Insulation Resistance
1kΩ - 1MΩ

Galvanic Voltage
-1V to +1V

Wire Loop Resistance
0 - 200Ω

Communication

Network Connection
Ethernet TCP/IP

Wireless Connection
Built-in 4G modem

SIM Card
2 FF Sim