WIONIQ™

EDGE
A1e

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Advanced detection & monitoring for sensitive areas

Edge A1e is the ultimate detector for ensuring security and efficiency in sensitive environments. the A1 e 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.

General

Model
A1e

Product line
Edge

Range
2 x 5000 m

Digital Inputs
4

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

Technical Specification

Enclosure Rating
IP68

Power Supply
12VDC trafo or battery

Working Temperature Range
-20 ºC to 70 ºC

Dimension Base Unit
220 * 110 * 60 mm

Case Material
ABS

Measurement

Insulation Resistance
1 kΩ - 1 MΩ

Galvanic Voltage
0 V to +1 V

Wire Loop Resistance
0 – 200 Ω

Communication

Network Connection
Ethernet TCP/IP

Wireless Connection
Built-in 4G modem

SIM Card
2 FF Sim

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 (0-10 V or 4-20 mA)
- 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

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