

NX-492N-I

WIRELESS PHOTOELECTRIC SMOKE DETECTOR W/ 433 MHZ

The NX-492N-I is a wireless photo-electric smoke sensor with a built-in sensitivity meter monitoring continuous its own operational status and provides a visual trouble condition if it drifts out of the sensitivity range or fails internal diagnostics. The alarm sensitivity level can be determined at the alarm without a meter.

Built-in drift compensation, usually only available in analog systems, allows the alarm to adjust automatically its sensitivity over time as it becomes dirty. This feature dramatically increases the time between cleanings and reduces false alarms. A built-in 85 dB sounder is ideal for residential installations and other occupancies where people are sleeping. Once a day and immediately upon the first power up, the alarm performs a full diagnostic test that includes a dynamic test of the sensing chamber and internal electronics.



Standard Features

- Photo-electric smoke detector with built-in piezo sounder and status LED (normal / alarm / trouble condition)
- Supervisory signal transmitted every 64 minutes
- Equipped with test / silence button
- Field replaceable optical chamber
- Built-in drift compensation reduces false alarms
- Low current draw increases battery life
- CPD certified 1134-CPD-039
- Compliant to EN14604:2005/AC:2008

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Specifications

General

Type	Smoke
Built-in sounder	Yes
Sounder output	85 dBA at 3 m (continuous tone)
Status LED	Yes
Sensitivity	0.14 +/- 0.04 bB/m

Wired/wireless

Wired-wireless	Wireless
Wireless frequency	433 MHz legacy
Open-air range	150 m

Electrical

Batteries	2 x 3 V Lithium
Battery lifetime	3 years

Physical

Physical dimensions	119 x 70 x 47 mm 142 x 61 mm
Detector dimensions	142 x 61 mm
Base dimensions	142 x 61 mm
Colour	White

Environmental

Operating temperature	4 to 38°C
Storage temperature	-34 to 60°C
Relative humidity	10 to 90% non condensing

Standards & regulation

Certification	1134-CPD-039
Standards	EN 14604:2005/AC:2008

Ordering Information

Part No.	Description
NX-492N-I	WIRELESS PHOTOELECTRIC SMOKE DETECTOR W/ 433 MHZ TRANSMITTER WIRELESS PHOTOELECTRIC SMOKE DETECTOR W/ 433 MHZ TRANSMITTER
DL123A	3V Lithium Battery Duracell (Unit)