



Product Data Sheet

TX-6212-03-1

Smoke sensor RF 868 MHZ Gen2

The TX-6212-03-1 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

- Learn-Mode Technology
- Sensor tamper switch
- Built-in sounder for alarm
- Visual status LED
- CleanMe(c) signal
- Maintenance alert
- Low battery signal
- Replaceable optical chamber
- CPD certified 1134-CPD-039
- Compliant to EN14604:2005/AC:2008

TX-6212-03-1

Smoke sensor RF 868 MHz Gen2

Specifications

Battery type	2 x 3 V Lithium
Battery lifetime (typical)	3 years
Operating frequency	868 MHz
Open-air range	150 m
Operating range	4°C to 38°C
Storage temperature	-34°C to 60°C
Humidity	10% to 90% non-condensing
Sensitivity	0.14 +/- 0.04 bB/m
Dimensions	
Detector	142 x 61mm
Base	137 x 11.7 mm
Sounder	85 dBA at 3m (continuous tone)

Ordering Information

Part No.	Description
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