

**WL8-B/IP54****Wireless Beam Smoke Detector**

The wireless beam smoke detector WL8-B/IP54 detects smoke in the protected area by monitoring the optical signal between the detector and reflector. An alarm is activated when the smoke level exceeds the configured alarm threshold within the set time.

Adaptive signal processing algorithms ensure reliable smoke detection under changing environmental conditions.

WL8-B/IP54 is compatible with ARGUS SPECTRUM control panels. Alarm signals are transmitted wirelessly to the control panel directly or through compatible translator and expander modules, triggering the alarm.

**Features and benefits**

- Adjustable sensitivity – low, normal or high
- Built-in laser pointer for visual control during the tuning process
- Bi-directional wireless communication
- 10 years of battery life
- Operation range – from 5 to 80 meters
- Self-optimizing wireless frequency and amplitude algorithms
- 1 year product warranty

**Technical specifications**

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Communication range with the translator or repeater (open space) | 1200 m                |
| Operating frequency                                              | 868 MHz               |
| Modulation type                                                  | FSK                   |
| Operating frequency channels                                     | 6                     |
| Battery life:                                                    |                       |
| Primary battery (type CR123A)                                    | 8 – 10 years          |
| Secondary battery (type CR2032)                                  | 6 – 12 months         |
| Dimensions (Including adaptor wall base)                         | 140x140x75 mm         |
| Weight                                                           | 400 g                 |
| IP rating                                                        | IP54                  |
| Operating temperature range                                      | From –30 °C to +55 °C |

**Warranty**

All devices are supplied with the benefit of a limited 5 years warranty (the warranty period does not apply to batteries). This warranty is invalidated by mechanical or electrical damage caused in the field by incorrect handling or usage. Product must be returned via your authorized supplier for repair or replacement together with full information on any problem identified.