

WL8-FL (Ex)**Wireless Intrinsically Safe Flame Detector**

The wireless flame detector WL8-FL (Ex) monitors the protected area for early detection of open fire. An alarm is activated when a flame is detected.

WL8-FL (Ex) uses proven flame detection technology to ensure reliable detection of open fire.

WL8-FL (Ex) 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.

The intrinsically safe design of WL8-FL (Ex) enables its use in hazardous areas where intrinsically safe equipment is required.

**Features and benefits**

- Bi-directional wireless communication
- IEC classification: 0Ex ia IIC T6 Ga X / Ex ta ia IIIC T(200)80°C Da X
- Operation range 25 meters
- Dual sensor
- 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)	7 years
Secondary battery (type CR2032)	6-12 months
Dimensions (Including adaptor wall base)	215 mm x 100 mm x 75mm
Weight	500 g
IP rating	IP65
Max tolerated humidity (no condensing)	93% RH
Operating temperature range	From -30 °C to +55 °C

Warranty

All devices are supplied with the benefit of a limited 5 years warranty. This warranty (the warranty period does not apply to battery) 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.