

**ARG-WL8Ex-FL****Wireless intrinsically safe flame detector**

The wireless intrinsically safe flame detector monitors the protected area and provides early detection of an open fire. An alarm message is sent to the control panel through its wire to wireless translator module and, eventually, one or more wireless expander modules.

Communication between the detector and the translator / expander modules is wireless.

**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
- 5 years 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.