



**3312, 3312F, 3312FL**

**ANALOG BASE**

Fire alarm solutions  
technical description

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# 1. INTRODUCTION

This document describes the analog base, type number 3312, 3312F, and 3312FL.

The document contains information about the product and instructions on how to mount and connect it.

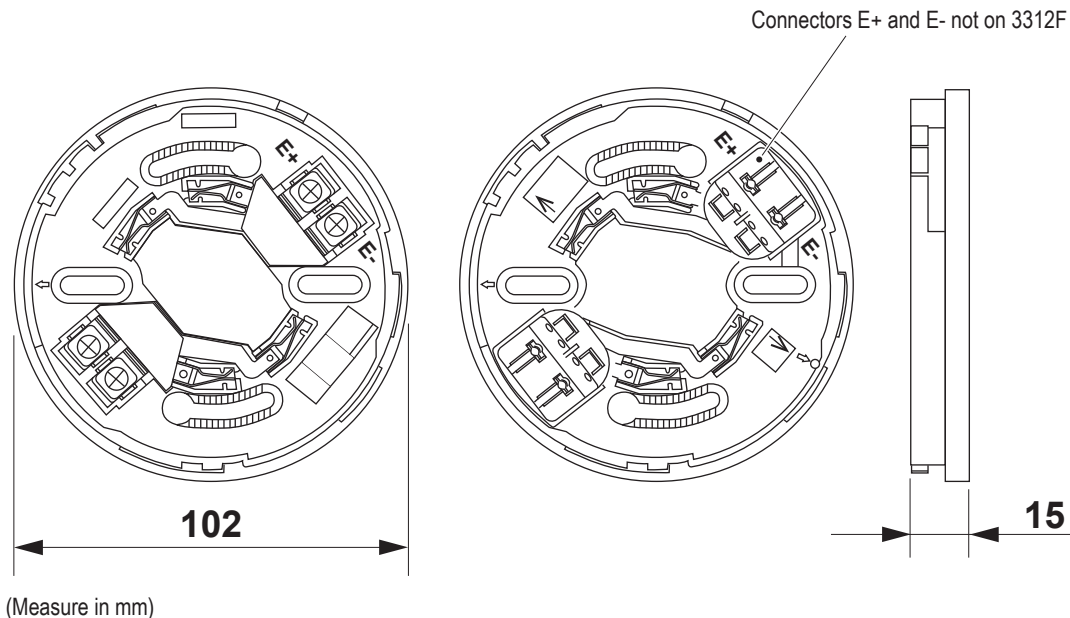
## 2. ABBREVIATIONS

<b>LED</b>	Light Emitting Diode
<b>dB</b>	Decibel

## 3. GENERAL DESCRIPTION

The analog base 3312, 3312F, and 3312FL are connected to a COM loop. Analog heat, smoke and multi detector types 33xx / 43xx / 44xx can be plugged in the base.

The base is intended for indoor use and in dry premises.



### 3.1. BASE

Ceiling mounted.

The position of the detector's built-in LED is marked in the base for correct mounting position of the base.

#### 3.1.1. SCREW TERMINALS 3312

The base 3312 has screw terminals for the COM loop (in/out) and the external indicator (LED).

#### 3.1.2. FAST CONNECTORS 3312F / 3312FL

3312F has fast connectors (blue connector) for the COM loop (in/out). 3312FL also has fast connectors (grey connector) for the external indicator (LED).

### 3.2. EXTERNAL LED

One External Indicator (LED) can be connected to the terminals E+ and E- in the base 3312 and 3312FL:

- E+ Ext. LED, for example External indicator 2218; J2:2 (+)
- E- Ext. LED, for example External indicator 2218; J2:3 (-)

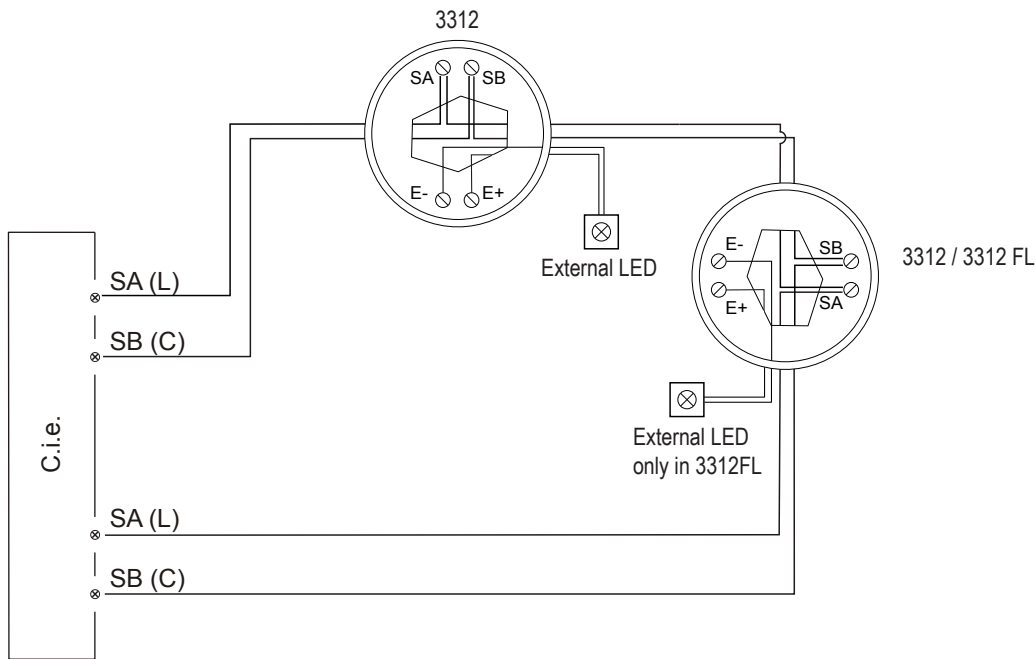
### 3.3. LABEL HOLDER

A label holder can be mounted in the label holder recess. The label holder is intended for a label showing "zone-address" or "technical number" information, which can be read also when the detector is plugged in the base.



## 5. INSTALLATION AND WIRING

*Screen wire termination is not provided.*



	3312	3312F / 3312FL
Wire size (Min)	Ø 0.6 mm (0.3 mm <sup>2</sup> )	Ø 0.6 mm (0.28 mm <sup>2</sup> )
Wire size (Max)	Ø 1.6 mm (2 mm <sup>2</sup> )	Ø 1.25 mm (1.2 mm <sup>2</sup> )

## 6. TECHNICAL DATA

*All current consumptions are valid by nominal voltage and by 25 °C.*

Voltage: Allowed Normal	12 – 30 V DC 24V DC
Current: Quiescent Active	0 mA 0 mA
Address range	N/A
Address setting	N/A
Short circuit isolator	No
Internal battery	No
Material	ABS
Ambient temperature: Operating Storage	--10 to +50 °C -20 to +70 °C
Ambient humidity	Maximum 95 % RH (Non condensing)
Ingress protection rating	IP51
Size: Ø x H	102 x 15 mm
Weight:	<b>3312</b> <b>3312F</b> <b>3312FL</b> 52 g      41g      47g
Available colours 3312,3312F, 3312FL 3312W,3312FW, 3312FLW	Grey (N8, Munsell colour code) White (10Y9/0.5, Munsell colour code)



## 7. APPROVALS

Applicable directive/ Approval	Applicable standards	Notified body
EMC	EN61000-6-3 (Emission) EN50130-4 (Immunity)	Self declaration
RoHS	EN50581	Self declaration



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