Panasonic



3312, 3312F, 3312FL

ANALOG BASE

Fire alarm solutions
technical description

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1. INTRODUCTION

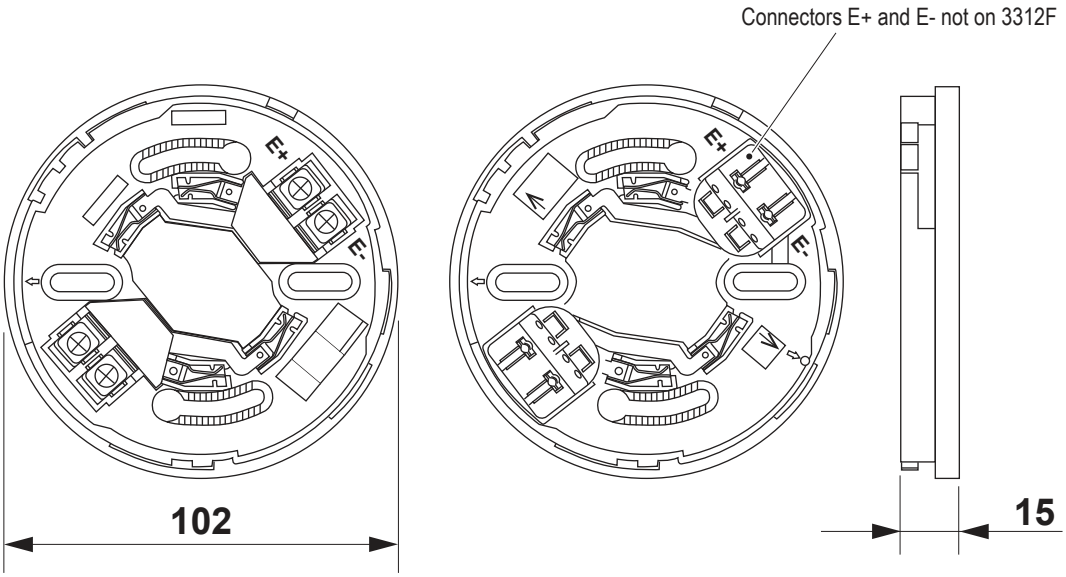
This document describes the analog base, type number 3312, 3312F, and 3312FL.
The document contains information about the product and instructions on how to mount and connect it.

2. ABBREVIATIONS

LED	Light Emitting Diode
dB	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.



(Measure in mm)

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**:

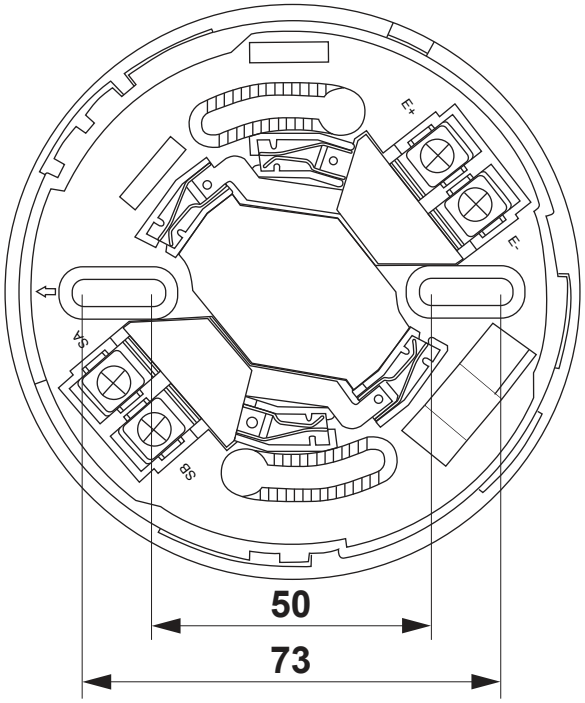
- **E+** Ext. LED, for example External indicator 2218; J2:2 (+)
- **E-** Ext. LED, for example External indicator 2218; J2:3 (-)

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.

4. MOUNTING

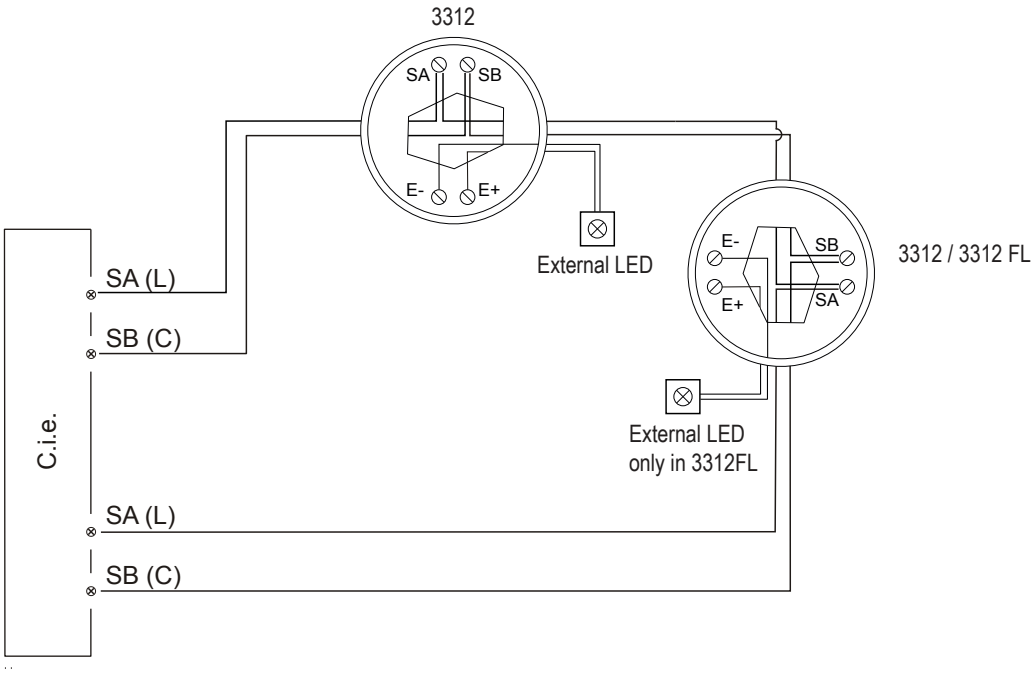
The analog base must be mounted in the ceiling. Screws are not supplied.



(Measure in mm)

5. INSTALLATION AND WIRING

Screen wire termination is not provided.



	3312	3312F / 3312FL
Wire size (Min)	Ø 0.6 mm (0.3 mm²)	Ø 0.6 mm (0.28 mm²)
Wire size (Max)	Ø 1.6 mm (2 mm²)	Ø 1.25 mm (1.2 mm²)

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:	**3312** 52 g **3312F** 41g **3312FL** 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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