



# **ADDRESSABLE OPTICAL SMOKE DETECTOR**

**SD-1**

Technical Data Sheet

## Description

The device is designed for early detection of fire outbreaks accompanied by the appearance of low-concentration smoke inside a controlled space in enclosed spaces of various buildings and structures, and transmission of «Fire» signal, as well as signals about its technical condition to the controllers of RUBETEK fire alarm system. It is used with CP-1 receiving and control device (Control Panel) and SC-1 controller.

## Key Features



PLC



Easy system setup

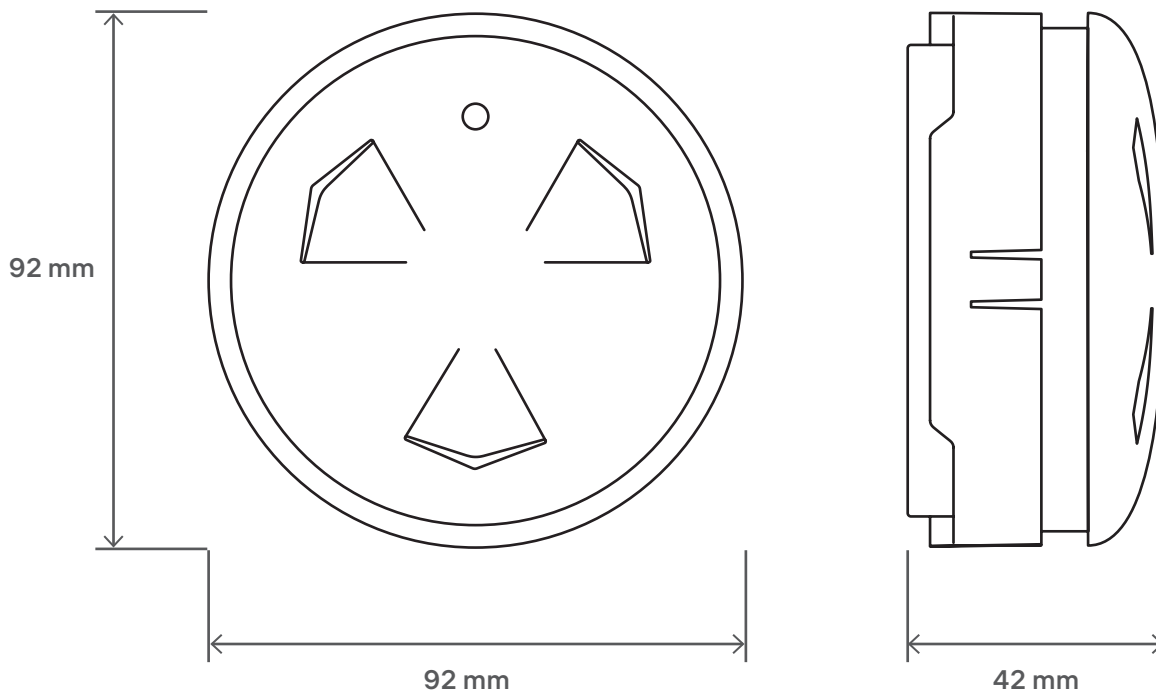


Dust clogging detection

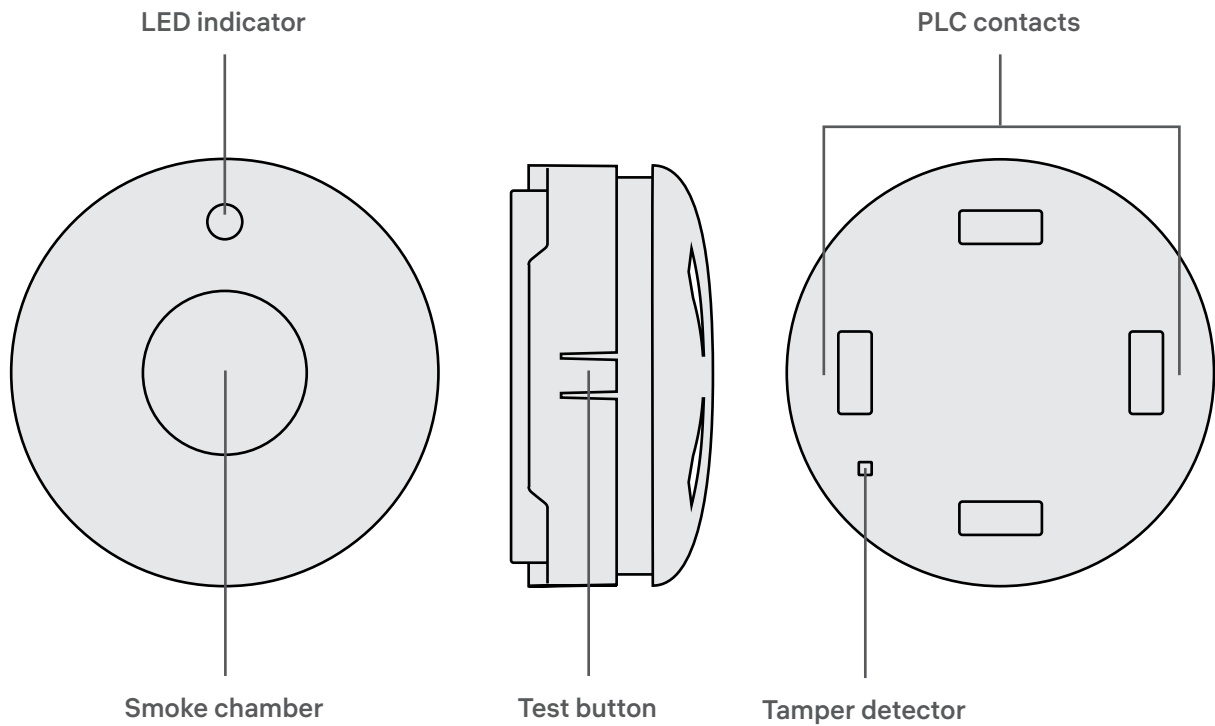


LED indication

## Dimensions



## Basic Layout



# Specifications

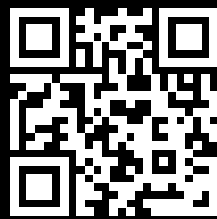
## General Parameters

Connection type	PLC
Power supply, V	according to PLC
Current consumption, $\mu$ A	in standby mode: not more than 0,17 in «Fire» mode: not more than 0,18
Sensitivity, dB/m	from 0,05 to 0,2 dB/m
Operating temperature, $^{\circ}$ C	from -25 to +55
Operating relative humidity, non-condensing	up to 93% at +40 $^{\circ}$ C
Case protection rating	IP20
Dimensions, mm	$\varnothing$ 92 $\times$ 42
Weight, g, not more than	80 $\pm$ 5%
Average service life, years	10
Average time to failure, h	60000

# Package Contents

Addressable Optical Smoke Detector SD-1	1 pc
Base	1 pc preinstalled
Enclosure	1 pc preinstalled
Mounting kit	1 pc
Technical certificate	1 pc*
Group packaging	1 pc*

\* per shipping lot or per every 27 pcs



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