

Optical Smoke Detector 2351E

- **Addressable conventional technology**
- **Sensitivity selectable in 3 steps**
- **Addressing by means of address module or detector parameterisation**
- **Remote readout of detector condition**
- **Extremely flat design**
- **Function testable with Remote Test Unit ECO1000RTU**



Description

The Optical Smoke Detector 2351E uses the scattered light principle, and was developed for the detection of smoke particles in a wide range of fire detection applications. The modern design of the measurement chamber allows to reliably evaluate the characteristics of fire.

An internal drift compensation adjusts the alarm threshold by continually evaluating the contamination of the detector. With that, the sensitivity of the detector is kept constant for a long time.

Addressable conventional technology is used for alarm transmission to the fire detection control panel. The detector addressing can be achieved in 2 ways:

- A detector with an Address Module NG58-1 can be individually identified by the suitable control panel.
- An address, which has been stored in the detector by

means of the Remote Programming and Test Unit, is displayed on the Zonal Display Unit S300ZDU.

A test activation of the detector can be carried out using the Remote Test Unit ECO1000RTU. In addition to the test activation of the detector, the Remote Programming and Test Unit S300RPTU can also be used to set and display the following detector parameters:

- the sensitivity in 3 levels,
- the detector address, and
- the date of the previous maintenance.

Furthermore, the degree of drift compensation (detector contamination) and the current condition of the detector can be read out.

The detector can be attached to various detector bases and it can be protected against theft.

Specifications

Operating voltage	Supply through the detector line voltage
Current consumption	typ. 75µA (quiescent)
Ambient temperature	-30°C to +70°C
Relative humidity	5 – 95% (no condensation)
Dimensions ø × H	102 × 32.5 (mm)
Colour	cream
Weight	75g
Approval	VdS G202012
Order number	241040
Order name	Optical Smoke Detector/Conv./300/SS 2351E



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