

Optical Smoke Detector

ECO1003

- **Addressable conventional technology**
- **Individual detector addressing by means of optional address module**
- **Optional connection of remote indicator**
- **Extremely flat design**
- **Function testable with Remote Test Unit ECO1000RTU**



Description

The Optical Smoke Detector ECO1003 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 sensing chamber allows to reliably evaluate the characteristics of fire. Addressable conventional technology is used for alarm transmission to the fire detection control panel. By

means of the Address Module NG58-1, each detector can be addressed individually.

A test activation of the detector can be carried out using the Remote Test Unit ECO1000RTU. The detector can be attached to various bases and it can be protected against theft.

Specifications

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|---------------------|--|
| Operating voltage | Supply through the detector line voltage |
| Current consumption | typ. 65µA (quiescent) |
| Ambient temperature | -30°C to +70°C |
| Relative humidity | 5 – 95% (no condensation) |
| Dimensions ø × H | 102 × 32.5 (mm) |
| Colour | white |
| Weight | 75g |
| Approval | VdS G201060 |
| Order number | 241045 |
| Order name | Optical Smoke Detector/Conv./1000/SS ECO1003 |

