

IS Thermal ROR Detector 5451EIS for Hazardous Areas

- **Conventional technology**
- **Maximum temperature 60°C**
- **Up to 20 detectors can be connected to one safety barrier**
- **Function testable with magnet**
- **ATEX certified**



Description

The Intrinsically Safe Thermal ROR Detector 5451EIS uses the rate-of-rise heat detection principle and was developed for the fire detection in hazardous areas. The detector, which is a combined maximum/rate-of-rise heat detector, is assigned to class A1R and can be used up to a maximum room height of 7.5m.

Conventional technology is used for alarm transmission to the fire detection control panel. In conjunction with

the Safety Barrier ES58-2, the detector reaches the given Ex classification. The two LEDs with 360° visibility indicate the activated condition of the detector.

A detector function test can be conveniently conducted using a magnet or a detector test device. The detector can be attached to various bases and it can be protected against theft.

Specifications

Ignition protection	intrinsically safe
Ex classification	EEx ia IIB T5
Current consumption	typ. 100µA (quiescent)
Alarm temperature	60°C (maximum-heat component)
Ambient temperature	-10°C to +43°C (continuous operation)
Relative humidity	10 – 93% (no condensation)
Dimensions ø × H	104 × 54 (mm)
Colour	cream
Weight	80g
Approval	BASEEFA03ATEX0155X VdS G296050
Order number	242015
Order name	IS Thermal ROR Detector/Conv./400/SS 5451EIS



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