GENT
by Honeywell

ES Detect

Our ES Detect conventional range offers high quality sensors and advanced detection.



The ES Detect automatic detector is an non-addressable detector specifically designed for operation on conventional systems. The range not only includes intelligent algorithms for fire detection but also a wide range of different types of detectors.

Fixed heat detector:
Automatic heat detector with fast semiconductor sensor to guarantee reliable detection of fires with strong heat generation.

Fixed heat detector class B:
For increased operating temperature according to EN 54-5 class B.

Rate-of-rise heat detector:
Automatic heat detector with fast semiconductor sensor to guarantee reliable detection of fires with rapidly rising temperatures and integrated fixed temperature function for the detection of fires with slowly rising temperatures.

Optical smoke detector:
Optical smoke detector to guarantee safe and early detection of fire.

Key Features

- Range of detection technologies with advanced microprocessor controlled detection
- Self monitoring for contamination, to maintain optimum sensitivity throughout whole life
- Compatible with diode base to monitor detector removal

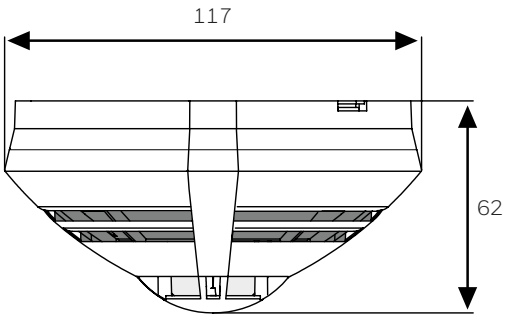
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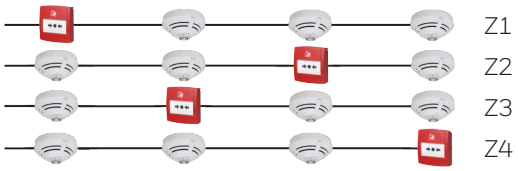
GENERAL SPECIFICATION	
Operating voltage	8 to 42 V DC
Alarm current @ 9 V DC	typ. 9 mA
Air speed	0 to 25.4 m/s
Storage temperature	-25 °C to 75 °C
Minimum operating temperature	-20°C
Air humidity	< 95 %
Type of protection	IP43 (with base + option)
Material	ABS
Color	white, similar to RAL 9010
Weight	ca. 110 g
Dimensions	Ø: 117 mm H: 49 mm (62 mm incl. base)

TECHNICAL SPECIFICATION				
Smoke Detector Type	Heat - Fixed Temp	Heat - Fixed Temp Type B	Heat Rate of Rise	Optical
Part number	800171	800177	800271	800371
Quiescent current	approx. 25 µA	approx. 25 µA	approx. 25 µA	approx. 30 µA
Typical Application temperature	Up to 50 °C	Up to 65 °C	Up to 50 °C	Up to 72 °C
Detector category and approvals	EN 54-5 A1S	EN 54-5 BS	EN 54-5 A1R	EN 54-7

Dimensions (mm)







Compatibility Statement:
The ES Detect range is only approved to be installed with Xenex Control Panels or with Vigilon via interface units. Refer to Technical Data sheet for details

Xenex Control Panels - 13270-02LB, 13270-04LB, 13270-08LB

DESCRIPTION	ORDER CODES
Fixed heat detector	800171
Fixed heat detector, class B	800177
Rate-of-rise heat detector	800271
Optical smoke detector	800371
Standard Detector Base	805590
Detector base complete with Diode	805590-D
Remote LED for ES Detect	781814

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