KL731B

KILSEN KC700 Series conventional optical detector

Product overview

With outstanding performance, efficiency and durability, the KL700 series conventional fire detectors is the ideal solution for every installation. They are designed specifically for use with Kilsen conventional fire panels, but may also be connected to most 3rd party industry standard conventional fire panels.

A fire detector for every need

With an attractive design and advanced features, the KL700 series has been designed to cope with difficult and even extreme situations. The range includes optical and heat detectors with a universal base that suits every application, including a variant that even compensates for uneven installation surfaces. All detectors support an integral locking mechanism for extra security as well as the connection of a remote indicator.

KL710 heat detector

This detector raises an alarm when the temperature exceeds a fixed temperature level or when the programmed rate of the increase of temperature is exceeded. They are used where a fire could cause an abrupt elevation of the temperature, or where smoke of controlled combustion, aerosols, etc. do not allow the use of any other type of detector.

KL731 photoelectric smoke detectors

These detectors use the Tyndall effect of smoke in the chamber to detect a fire. It can detect a smouldering fire (without flames). They are normally used in areas where possible fires generate visible smoke, like plastics, polystyrene, PVC, etc.

The KL731 is available in either white or black colour variants.



Details

- An ultra-fine grid prevents the ingress of dust and insects in smoke detectors
- Attractive, low-profile design
- EN54 approved and CPR certified
- Innovative base option to compensate for uneven surfaces
- Black colour

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Technical specifications

General

Status indication	Red (dual LED, alarm)
Compatibility	Kilsen conventional fire systems
Alarm levels	1
Connectivity	2-wire zone

Electrical

Power supply type	Zone powered
Operating voltage	9 to 28 VDC
Current consumption	Quiescent at 24 VDC, 85 µA Alarm at 24 VDC, <100 mA

Detection

Detection principle	Optical, light scatter
Monitoring	Alarm threshold
Zone length	< 1.5 km, 20 devices

Output

Output quantity	1
Output type and rating	Remote indicator, <100 mA

Physical

Physical dimensions	45 x 99 mm (H x Ø)
Colour	Black (Pantone 3C)
Mounting type	Base mount, Wall mount

Environmental

Vandal proof	No
Operating temperature	-10 to +70°C
Storage temperature	-10 to +70°C
Relative humidity	0 to 95% noncondensing
Environment	Indoor
IP rating	IP42

Regulatory

Compliancy	CE, REACH, RoHS 3, WEEE
Certification	CPR
Standards	EN54-7

Compatible products

Category	Reference	Description
Detection device	KZ700B	KILSEN KC700 series standard point detector base, black
Notification device	PA25/3L	Conventional remote indicator

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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