# 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 | Zon driven |
| Operating voltage | 9 to 28 VDC |
| Current consumption | Quiescent at 24 VDC, 85 µA<br>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 | Sort (Pantone 3C) |
| Mounting type | Montering på bas, Vægmontering |

### Environmental

| | |
|---|---|
| Vandal proof | No |
| Operating temperature | -10 to +70°C |
| Storage temperature | -10 to +70°C |
| Relative humidity | 0 to 95% noncondensing |
| Environment | Indendør |
| 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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