# KL731

## CONVENTIONAL OPTICAL DETECTOR

### Product overview

The KL731 is a conventional optical smoke detector.

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, these fire detectors have been designed to cope with difficult and even extreme situations. The series comprises a range of detectors including optical and heat detectors, supporting a universal base that suits every application.

A range of bases are available in standard and deep base variants, including relay bases for low voltage (12 VDC) applications and even supports a base variant that compensates for uneven mounting surfaces.

All bases are provided with an integral locking mechanism for extra security, and all detectors support the connection of a remote indicator.

### KL731 photoelectric smoke detector

These detectors use the Tyndall effect of smoke in the chamber to detect a fire. It can detect a smouldering fire (without flames). The KL731 detectors are normally used in areas where possible fires generate visible smoke e.g. plastics, polystyrene, PVC, etc.



### Détails

- 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

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## Spécifications techniques

### Général

| | |
|---|---|
| Indication d'état | Red (dual LED, alarm) |
| Compatibilité | Kilsen conventional fire systems |
| Niveaux d’alarme | 1 |
| Connectivité | 2-wire zone |

### Électrique

| | |
|---|---|
| Type de bloc d’alimentation | 12 VDC, Zone alimentée |
| Tension de fonctionnement | 9 to 28 VDC |
| Consommation de courant | Quiescent at 24 VDC, 85 µA<br>Alarm at 24 VDC, <100 mA |

### Détection

| | |
|---|---|
| Principe de détection | Optical, light scatter |
| Contrôle | Alarm threshold |
| Longueur de la zone | < 1.5 km, 20 devices |

### Sortie

| | |
|---|---|
| Quantité des sorties | 1 |
| Type de sortie et classe | Remote indicator, <100 mA |

### Caractéristiques physiques

| | |
|---|---|
| Dimensions physiques | 45 x 99 mm (h x Ø) |
| Couleur | Blanc (RAL 9010-P) |
| Type de montage | Assemblage sur socle, Fixation murale |

### Environnement

| | |
|---|---|
| Protégé contre le vandalisme | Non |
| Température de fonctionnement | -10 to +70°C |
| Température de stockage | -10 to +70°C |
| Humidité relative | 0 to 95% noncondensing |
| Environnement | Intérieur |
| Indice de protection | IP42 |

### Régulateur

| | |
|---|---|
| Conformité | CE, REACH, RoHS 3, WEEE |
| Certification | CPR |
| Normes | EN54-7 |

### Produits compatibles

| Catégorie | Référence | Description |
|---|---|---|
| Module de détection | KZ700 | MOUNTING BASE FOR K700-DX300 AND DX1500 SERIES DETECTORS |
| Module de détection | KZD705 | 5 CONTACT DEEP BASE FOR KL700A AND KMD300 DEVICES |
| Module de notification | PA25/3L | PA25 Series Remote Indicator |

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