# KE-DT3001W-HAB

## Utökade användningsområden

### General

The innovative Excellence range of intelligent addressable devices offers advanced features for reliability and peace of mind. Coupled with features for ease of installation and maintenance on new fire detection systems, it's a perfect match for exceptional overall performance.

The DP3021W is a Kidde Excellence series, traffic white addressable dual optical and heat detector. It supports EN54 Class A with static and rate-of-rise temperature response, as well as Class B with rate-of-rise response. It combines a low profile design with tri-colour status indication with 360° visibility. A remote indicator output is available as standard that supports a remote indicator up to 30 m away.

### User friendly

All detectors are individually identified by easily setting an address through 2, modern design rotary switches. The address is a directly identified number and does not require binary or hexadecimal conversions that significantly reduces the risk of incorrect addressing.

### Installation & maintenance friendly

Self-testing and drift compensation ensure safe operation with a contamination warnings provided when maintenance is needed.

All Excellence series detectors are compatible with a standard base which makes installation planning seamless and detectors easily interchangeable.

### Communication protocol

An enhanced protocol ensures the overall integrity and error-free operation of the system. The Excellence series protocol provides features like CRC error checking and multiple bus cycle codes to ensure reliability between panel and device communication. The Kidde Excellence protocol still support legacy 2000 series devices in combination with the Kidde Excellence series devices.

### Extended applications

A comprehensive range of additional devices and accessories complement every Excellence series device. Appart from a feature rich detector line, a comprehensive range of in- and outdoor manual call points as well as a variety of I/0 modules and accessories enrich the overall Excellence system capability.




### Detaljer

- Fjärrindikatorutgång med kortslutningsisolering för ytterligare skydd av enheten
- Regelbunden automatisk självtestning för driftsäkerhet
- Stöd för statisk och stigande temperatur
- Trefärgsindikatorer för larm, förlarm, isolering och fel. ItsMe och kommunikation tar bort gissningarna från driftstatus
- 360° synlighet för indikatorn innebär ingen justering av enheten för att säkerställa synlighet
- Ny mekanisk roterande adressering för enkel adressering
- Händelseloggning i enheten för diagnosändamål vid behov
- Alla larmnivåer EN54-certifierade

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## Utökade användningsområden

## Tekniska specifikationer

### General

| | |
|---|---|
| Status indication | Tri-colour LED |
| Compatibility | Kidde Commercial Excellence Systems |
| Alarm levels | 3 |
| Event log | Available |
| Connectivity | Excellence series, standard base |
| Addressing method | Rotary switch |

### Electrical

| | |
|---|---|
| Power supply type | Loop powered |
| Operating voltage | 17 to 29 VDC |
| Communication voltage | 4 to 11 V pulsed |
| Current consumption | 140 µA (quiescent at 24 VDC)<br>4.75 mA (alarm at 24 VDC) |
| Terminals | 6 |

### Detection

| | |
|---|---|
| Detection principle | Static & temperature change |
| Monitoring | Alarm threshold, Fault |
| Sensitivity | Selectable |
| Coverage area | < 56.3 m² |
| Alarm temperature (minimum) | +54°C |
| Rate-of-rise | Supported |
| Installation height | < 7.5 m |
| Alarm temperature (maximum) | 70°C |

### Output

| | |
|---|---|
| Output quantity | 1 |
| Output type and rating | Remote indicator |
| Programmable | No |
| Remote alarm output | < 8 mA |

### Physical

| | |
|---|---|
| Physical dimensions | 100 x 54 mm (Ø x H) |
| Net weight | 110 g |
| Colour | Traffic white (RAL9016) |
| Mounting type | Base mount |
| Material (body) | PC / ABS |
| Functional marking | Device type |
| Material (contacts) | Brass |

### Environmental

| | |
|---|---|
| Vandal proof | No |
| Operating temperature | -10 to +65°C |
| Storage temperature | -30 to +75°C |
| Application temperature (maximum) | +65°C |
| Application temperature (typical) | +25°C |
| Relative humidity | 10 to 93% noncondensing |
| Environment | Indoor |
| IP rating | IP20 |

### Regulatory

| | |
|---|---|
| Compliancy | CE, REACH, RoHS 3, WEEE |
| Certification | CPR |
| Standards | EN54-5 |

### Kompatibla produkter

| Kategori | Referens | Beskrivning |
|---|---|---|
| Detection device | KE-DB3010W | Excellence series accessoire - standaard sokkel |

Kidde Global Solutions förbehåller sig rätten att ändra produktspecifikationer utan föregående meddelande. För de senaste produktspecifikationerna, besök se.firesecurityproducts.com online eller kontakta din försäljningsrepresentant.

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