KE-DP3121B

Rivelatore multisensore ottico/termico indirizzato con doppio sensore ottico e isolatore serie Excellence, colore nero

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 DP3121B is a Kidde Excellence series, graphite black addressable dual optical and heat detector with integrated short circuit isolation. 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.

Detection reliability is ensured by combining dual optical wavelengths with multiple detection angles. This allows for state-of-the-art particle size detection that differentiates between real sources of alarm, or nuisance sources such as dust and steam. As a temperature detector Class A static and rate-of-rise modes are supported to further widen the application footprint.

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.



Dettagli

- L'isolatore integrato di cortocircuito garantisce il funzionamento in caso di un singolo corto sul loop
- Uscita per LED ripetitore monitorata in caso di cortocircuito per una protezione aggiuntiva del dispositivo
- Discriminazione della vapore e della polvere per la massima tranquillità operativa
- Funzionamento come rivelatore di calore statico o termovelocimetrico
- Indicatori tricolore per allarme, preallarme, isolamento, guasto. "ItsMe" e le comunicazioni eliminano le congetture sullo stato operativo
- La visibilità dell'indicatore a 360° non richiede l'allineamento del dispositivo per garantire la visibilità
- Nuovo indirizzamento rotativo meccanico per un facile indirizzamento
- Registrazione degli eventi nel dispositivo per scopi diagnostici qualora necessari
- Tutti i livelli di allarme sono certificati EN54
- Colore nero

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Specifiche tecniche

General

Addressing method	Rotary switch

Electrical

Power supply type	Alimentado por bucle

Detection

Monitoring	Alarm threshold, Contamination level, Fault
Alarm temperature (minimum)	+54°C

Isolation

Type	Salto de línea negativo

Physical

Colour	Graphite black (RAL 9011)
Mounting type	Montaje sobre base
Material (body)	PC / ABS

Environmental

Vandal proof	No
Application temperature (maximum)	+50°C
Application temperature (typical)	+25°C
Environment	Indendør

Regulatory

Compliancy	CE, REACH, RoHS 3, WEEE
Certification	CPR

Prodotti compatibili

Categoria	Riferimento	Descrizione
Detection device	KE-DB3010B	Base standard per rivelatori serie Excellence, colore nera

In quanto azienda in continua innovazione, Kidde Global Solutions si riserva il diritto di modificare le specifiche del prodotto senza preavviso. Per avere informazioni sempre aggiornate, visita it.firesecurityproducts.com online o contatta il tuo riferimento commerciale.

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