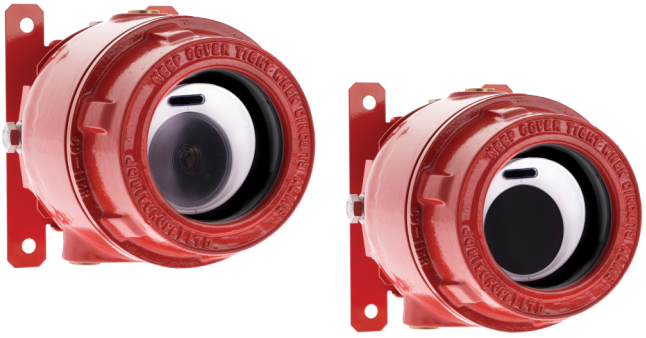
3000-026

Additional detector set for End-To-End beam smoke detector, 5 to 100 m, flame proof

3000-026 is an additional detector set for the 3000-115 End-to-End Explosive Proof Beam Smoke Detector. 3000-026 comprises of an infrared transmitter and a receiver, both of which are ATEX-certified for use in Group 2 hazardous areas.



The product is designed for large enclosures within oil rigs, refineries, ordnance stores and similar premises. It provides an early warning of smoldering or strongly smoke-generative fires, which may not be picked up by flame detectors installed in many hazardous areas.The end-to-end beam smoke detector, together with a battery backed power supply, can be connected to a zone of a conventional fire alarm control panel or interfaced to an analogue-addressable system via an addressable
input module or a zone monitor module.

Operation

The Transmitter head emits a narrow beam of infra-red light to an associated Receiver head. Once smoke crosses through and thus obscures the IR beam path, the signal strength at the Receiver drops below a preset level which in turn results in an alarm condition.

It has been designed so that it can be installed by a single Engineer, with its laser assisted alignment method combined with easy to use alignment LEDs offering visual feedback. Integrated laser alignment aid can be activated at the Controller.

It also has a feature which allows for the Transmitter to be powered from the Controller by wiring directly, thus reducing the number of power supplies required.

Detaljer

- Seperate transmitter and receiver unit certified to Exd
- Separate fire and fault relays per detector
- Range 5 to 100m, configurable per set of detectors
- Integral laser alignment in receiver
- Low current consumption
- Programmable sensitivity and fire/fault delay
- Contamination compensation for dust and building movement
- Transmitter can be powered from controller
- ATEX, IECEx, EN54:12, VdS Approved
- Light cancellation technology

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Tekniska specifikationer

Detection

Optical wave length	850 nm

Physical

Mounting type	Vægmontering

Environmental

Environment	Exd

Regulatory

Certification	CENELEC/ATEX

Kompatibla produkter

Kategori	Referens	Beskrivning
Detection device	3000-115	Linjerökdetektor 5-100 m räckvidd, flamsäker, 12-36 VDC, 8-14 mA, ATEX, IECEx, EN54:12, VdS-godkänd

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