FHSD8015-99

LaserSense 10. Ett rörsystem, upp till 50 m rörlängd och 750 kvm täckningsområde, känslighet (%Obs/m) 0,3 % till 25 %, fyra larmnivåer, två larmutgångar. LED-indikering.

Description

The LaserSense 10 is designed to provide very high sensitivity smoke detection in a small package.

ClassiFire Perceptive Artificial Intelligence ensures that the detector operates at optimum sensitivity for the protected environment, without the need for complex setup. This means the product will configure itself to provide high sensitivity in a computer room or reduced sensitivity in a smoky area.

The detector is designed to fit into a Docking Station. All sampling pipes and cables are connected to the Docking Station as a first fix operation leaving the detector to be fitted during the final commissioning phase if required. This ensures that detectors are less likely to be damaged during the installation.

Upgradable volt-free Fire and Fault relay outputs are available for remote monitoring by local fire detection or BMS systems.

Typical Applications

- Data storage units
- Prison cells
- Plant rooms
- Air conditioning units
- Equipment racks
- Computer rooms
- Air duct protection
- Heritage property protection
- Critical equipment
- Anti-smoking enforcement
- Motor rooms

Options Available

- Addressable Protocol Interface Cards APIC™ available
- Relay expansion card

Detaljer

- Ultra small low cost aspirating smoke detector for easy and discreet installation
- High sensitivity provided by laser based forward light scatter for reliable early warning
- Single sampling pipe up to 50m in length (still air)
- Unique ClassiFire® Perceptive Artificial Intelligence system that dynamically adjusts the detector's operating parameters, allowing for day to day changes in the protected environment and dust separation system contamination
- Unwanted alarms from dust are avoided using patented Dual Technology LDD 3D3 Laser Dust Discrimination and elimination system
- CPR approved

FHSD8015-99

LaserSense 10. Ett rörsystem, upp till 50 m rörlängd och 750 kvm täckningsområde, känslighet (%Obs/m) 0,3 % till 25 %, fyra larmnivåer, två larmutgångar. LED-indikering.

Tekniska specifikationer

Allmänt

Statusindikering	LED
Larmnivåer	4 (Aux, Pre-alarm, Alarm, Alarm 2)

Elektrisk

Driftspänning	21.6 to 26.4 VDC
Nuvarande förbrukning	250 mA

Detektering

Detektionsprincip	Laser light scattering mass detection and particle evaluation
Räckvidd	0.3 to 25 %Obs/m (Sesnitivity)
Partikelkänslighetsområde	0.003µ to 10µ

Samplingsrör

Längd	50 m maximum run (25 m in moving air)
Antal provtagningshål	up to 2 holes, Class A (high sensitivity) up to 4 holes, Class B (enhanced sensitivity) up to 10 holes, Class C (normal sensitivity)
Inloppsmängd	1
Inloppsstorlek	27 mm OD
Uttömma	1 (optional)

Utgång

Utgångsmängd	2, 1x Alarm (n/o), 1x Fault (n/c) Optional input and relay card
Utgångstyp och klassificering	500 mA @30 V

Fysisk

Fysiska dimensioner	145 x 220 x 85 mm (W x H x D)
Nettovikt	1.7 kg
Färg	Grädde
Monteringstyp	Ytmontering
Kabelinmatningar	2 x M20
Material (kropp)	Kapsling av stålplåt

Miljö

Driftstemperatur	-10 to +60°C(EN54-20)
Relativ luftfuktighet	0 to 90% noncondensing
Miljö	Inomhus
IP-betyg	IP40

Reglerande

Intygande	EN54-20

Networking

SenseNET (RS-485)	Not supported

Kompatibla produkter

Kategori	Referens	Beskrivning
Detektorer	FHSD8025-09	LaserSense 25 High Sensitivity Smoke Detector - Spanish
Detektorer	FHSD8100-09	LaserSense 100 High Sensitivity Smoke Detector - Spanish
Detektorer	FHSD8200-09	LaserSense HSSD2 High Sensitivity Smoke Detector - Spanish
Detektorer	FHSD8210-09	LaserSense HSSD2 High Sensitivity Smoke Detector - Minimum display version - Spanish

Carrier Fire & Security förbehåller sig rätten att ändra produktspecifikationer utan föregående meddelande. För de senaste produktspecifikationerna, besök se.firesecurityproducts.com online eller kontakta din försäljningsrepresentant.

Last updated on 29 May 2024 - 17:06