FHSD8015-99

LaserSense 10 aspirationsdetektor med høj følsomhed

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

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Tekniske specifikationer

Generelt

Status indikation	LED
Alarmniveauer	4 (Aux, Pre-alarm, Alarm, Alarm 2)

Elektrisk

Driftsspænding	21.6 to 26.4 VDC
Nuværende forbrug	250 mA

Detektering

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

Prøvetagningsrør

Længde	50 m maximum run (25 m in moving air)
Mængdeprøveudtagning shuller	up to 2 holes, Class A (high sensitivity) up to 4 holes, Class B (enhanced sensitivity) up to 10 holes, Class C (normal sensitivity)
Indgangsmængde	1
Inlaat diameter	27 mm OD
Udstødning	1 (optional)

Udgang

Outputmængde	2, 1x Alarm (n/o), 1x Fault (n/c) Optional input and relay card
Output type og klassificering	500 mA @30 V

Fysisk

Fysiske dimensioner	145 x 220 x 85 mm (W x H x D)
Nettovægt	1.7 kg
Farve	Fløde
Monteringstype	Overflademontering
Kabelindgange	2 x M20
Materiale (krop)	Kabinet af stålplade

Miljø

Driftstemperatur	-10 to +60°C(EN54-20)
Relativ luftfugtighed	0 to 90% noncondensing
Miljø	Indendør
IP-vurdering	IP40

Regulerende

Certificatie	EN54-20

Networking

SenseNET (RS-485)	Not supported

Kompatible produkter

Kategori	Reference	Beskrivelse
Detektionsenhed	FHSD8025-09	LaserSense 25 High Sensitivity Smoke Detector - Spanish
Detektionsenhed	FHSD8100-09	LaserSense 100 High Sensitivity Smoke Detector - Spanish
Detektionsenhed	FHSD8200-09	LaserSense HSSD2 High Sensitivity Smoke Detector - Spanish
Detektionsenhed	FHSD8210-09	LaserSense HSSD2 High Sensitivity Smoke Detector - Minimum display version - Spanish

Carrier Fire & Security er et innovativt selskab og forbeholder sig ret til at ændre produktspecifikationer uden varsel. De nyeste produktspecifikationer kan du finde på dk.firesecurityproducts.com eller ved at kontakte din salgsrepræsentant hos.

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