9-30671-ULF

AirSense Stratos Micra 25 High Sensitivity Smoke Detector - UL & FM

Description

The Stratos Micra 25 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
- Command Module available for central monitoring and display
- SenseNet compatible - up to 127 detectors per loop
- Remote Display units available
- Suitable for MatrixScan, a patented software system which provides virtual addressable location detection - e.g. 10 physical detectors would provide up to 45 unique addressable locations.

Dettagli

- 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
- 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
- RS485 communications built in as standard for networking and remote communications
- UL listed and FM approved

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Specifiche tecniche

Generale

Indicazione stato	LED
Livelli di allarme	4, Aux, Pre-alarm, Alarm and Alarm 2

Elettrico

Tensione di esercizio	21.6 to 26.4 VDC
Consumo attuale	250 mA

Rivelazione

Principio di rilevamento	Laser light scattering mass detection and particle evaluation
Gamma	(%Obs/m)
Intervallo di sensibilità delle particelle	0.003 to 10 µ

Tubo di campionamento

Lunghezza	50 m maximum run (25 m in moving air)
Quantità di ingresso	1
Scarico	1 (optional)

Ingresso

Quantità in entrata	Optional input and relay expansion card

Uscita

Quantità in uscita	2, Alarm (N/O) and Fault (N/C) Optional input and relay expansion card
Tipo di uscita e intervallo	500 mA @ 30 V

Fisico

Dimensioni fisiche	145 x 220 x 85 mm (W x H x D)
Peso netto	1.7 kg
Colore	Crema
Tipo di montaggio	Montaggio a parete
Cavo di entrata	2 x M20
Materiale (scatola)	Involucro in lamiera d'accia

Ambientale

Temperatura operativa	-10 to +60°C (EN54-20)
Umidità relativa	0 to 90% noncondensing
Ambiente	Interno
IP rating	IP40

Regolatorio

Certificazioni	FM, UL

Sampling pipework

Diameter	27 mm OD

Networking

SenseNET (RS-485)	On-board

In quanto azienda in continua innovazione, Carrier Fire & Security 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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