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.

Szczegóły

- 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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Specyfikacja techniczna

Ogólne

Sygnalizacja stanu	LED
Poziomy alarmowe	4, Aux, Pre-alarm, Alarm and Alarm 2

Elektryczne

Napięcie znamionowe	21.6 to 26.4 VDC
Pobór prądu	250 mA

Wykrycie

Zasada detekcji	Laser light scattering mass detection and particle evaluation
Zakres	(%Obs/m)
Zakres czułości	0.003 to 10 µ

Rura próbkująca

Długość	50 m maximum run (25 m in moving air)
Ilość na wejściu	1
Wylot	1 (optional)

Wejście

Ilość wejść	Optional input and relay expansion card

Wyjście

Ilość wyjść	2, Alarm (N/O) and Fault (N/C) Optional input and relay expansion card
Typ i obciążalność wyjścia	500 mA @ 30 V

Fizyczne

Wymiary	145 x 220 x 85 mm (W x H x D)
Masa netto	1.7 kg
Kolor	Kremowy
Typ montażu	Uchwyt ścienny
Otwory kablowe	2 x M20
Materiał (pudełko)	Obudowa z blachy stalowej

Środowiskowe

Temperatura pracy	-10 to +60°C (EN54-20)
Wilgotność względna	0 to 90% noncondensing
Środowisko	Wewnątrz
Szczelność IP	IP40

Regulacyjnych

Certyfikacja	FM, UL

Sampling pipework

Diameter	27 mm OD

Networking

SenseNET (RS-485)	On-board

Będąc firmą innowacyjną, Carrier Fire & Security zastrzega sobie prawo do zmian w specyfikacji wyrobów bez uprzedzenia. W celu uzyskania najnowszych specyfikacji prosimy o wizytę na stronach pl/firesecurityproducts.com lub kontakt z przedstawicielem handlowym.

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