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.

Einzelheiten

- 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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Technische Spezifikationen

Allgemein

Statusanzeige	LED
Alarmstufen	4, Aux, Pre-alarm, Alarm and Alarm 2

Elektrische Angaben

Betriebsspannung	21.6 to 26.4 VDC
Aktueller Verbrauch	250 mA

Erkennung

Detektionsprinzip	Laser light scattering mass detection and particle evaluation
Bereich	(%Obs/m)
Partikelempfindlichkeitsbereich	0.003 to 10 µ

Ansaugrohr

Länge	50 m maximum run (25 m in moving air)
Einlassmenge	1
Entlüftung	1 (optional)

Eingang

Eingabemenge	Optional input and relay expansion card

Ausgang

Ausgabemenge	2, Alarm (N/O) and Fault (N/C) Optional input and relay expansion card
Ausgabetyp und -Klasse	500 mA @ 30 V

Physikalisch

Abmessungen	145 x 220 x 85 mm (W x H x D)
Nettogewicht	1.7 kg
Farbe	Creme
Montage	Wandmontage
Kabeleinführungen	2 x M20
Material (Körper)	Gehäuse aus Stahlblech

Umweltbedingungen

Betriebstemperatur	-10 to +60°C (EN54-20)
Relative Luftfeuchtigkeit	0 to 90% noncondensing
Umgebung	Drinnen
IP Klassifizierung	IP40

Regulativ

Zertifizierung	FM, UL

Sampling pipework

Diameter	27 mm OD

Networking

SenseNET (RS-485)	On-board

Als innovatives Unternehmen behält sich Carrier Fire & Security das Recht vor, Produktspezifikationen ohne Ankündigungen zu ändern. Für die aktuellsten Produktspezifikationen, besuchen Sie bitte de.firesecurityproducts.com online oder kontaktieren Sie bitte unsere Vertriebsmitarbeiter.