

9-30725-ULF

AirSense Micra 10 High Sensitivity Smoke Detector – UL listed

Description

The AirSense Micra 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



Detailer

- 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
- UL listed

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Tekniska specifikationer

Allmänt

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

Elektrisk

Operating voltage	21.6 to 26.4 VDC
Current consumption	250 mA

Detektering

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

Samplingsrör

Längd	50 m maximum run (25 m in moving air)
Inloppsmängd	1
Uttömma	1 (optional)

Utgång

Output quantity	2 - Alarm (n/o) and Fault (n/c)
Output type and rating	500 mA @ 30 V

Fysisk

Physical dimensions	145 x 220 x 85 mm (W x H x D)
Net weight	1.7 kg
Colour	Grädde
Kabelinmatningar	2 x M20
Material (body)	Kapsling av stålplåt

Miljö

Operating temperature	-10 to +60°C (EN54-20)
Relative humidity	0 to 90% noncondensing
Environment	Inomhus
IP rating	IP40

Reglerande

Certification	UL
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Sampling pipework

Diameter	27mm OD
Amount of Class A holes (high sensitivity)	up to 2 holes
Amount of Class B holes (enhanced sensitivity)	up to 4 holes
Amount of Class C holes (normal sensitivity)	up to 10 holes

Outputs

Expansion	Optional input and relay card
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Networking

SenseNET (RS-485)	Not supported
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