



af-x fireblocker



hochiki smoke detector
article: 23-50-430-00-00



TECHNICAL INFORMATION

type	SOC-E3N conventional photoelectric smoke detector
approvals	LPCB EN54: Part 7
operating voltage	12V - 30 V dc
quiescent current (typ)	35 μ A
max. current alarm	40 mA
out of sensitivity current (red flashing LED)	120 μ A
remote indicator drive	20 mA (max.)
operating temperature range	-10 °C to + 50 °C
max. humidity	95%RH - Non Condensing (at 40 °C)
ingress protection rating	IP42
weight	95 g (ex. base)
diameter / height	100 / 45 mm

description

The SOC-E3N is a Photoelectric Smoke Detector, which is fully compatible with the majority of existing Conventional systems. The SOC-E3N incorporates Hochiki's unique High Performance photoelectric smoke chamber removing the need to use Ionisation Detectors in the majority of applications.

'AFVW' Drift Compensation technology is incorporated to ensure the Detector is operating at its optimum sensitivity and therefore reducing potential false alarms. If the contamination limit is exceeded then the integral red LED will flash once every three seconds to give a visual warning. The smoke chamber is easily removed or replaced for cleaning and utilises a unique baffle design which allows smoke to enter the chamber whilst keeping out ambient light.

PRODUCTS:

Gaseous Suppression



Inert Gas (IG-01, IG-55, IG-100, IG-541)
Novec 1230™ Fluid (FK-5-1-12)
FM-200® (HFC-227ea.)
Carbon Dioxide (CO₂)
Hybrid Systems (N₂ / Water)
Pressure Relief Vents
Enclosure Integrity Testing Equipment
Pipe & Fittings

Water Suppression



Water Mist - High Pressure
Water Mist - Intermediate Pressure
Water Mist - Low Pressure
Hybrid Systems (Water / N₂)
Monitors & Delivery Systems
High Speed Deluge

Foam Suppression



Foam Concentrates
Foam Proportioning
Foam Delivery Systems
Compressed Air Foam
Foam Concentrate Testing

Explosion Protection



Explosion Suppression
Explosion Isolation
Explosion Vents & Pressure Relief
Spark Suppression
Explosibility Testing

Fire Detection



Linear Heat Detection - Digital
Linear Heat Detection - Fibre Optic
Linear Heat Detection - Micro Chip
Flame Detection
Video Imaging Detection
Spark Detection
Control & Indicating Equipment
Thermal Imaging Detection
Aspirating Smoke Detection

Military & Defence



Military Vehicles
Naval Vessels

Special Applications



Micro Environment
Oxygen Reduction
Kitchen Protection Systems
Dry Chemical
Vehicle Systems
Marine & Offshore
Vapour Mitigation
Li-Ion Fire Systems

Support Services



Design / Engineering
Technical Support
Services & Testing

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