

SMART 3H-FM LITE

Refrigerant Gas Detector

Designed for residential and commercial use, featuring 2 pre-set output relays along with continuous self-diagnostics and internal buzzer and LED indication.



The SMART 3H-FM LITE from Sensitron is a sleek, flush-mounted gas detector for commercial buildings, designed to detect refrigerant gases and CO₂. It ensures reliable performance while complying with key refrigeration standards. A side-mounted RGB LED and internal buzzer provide clear alerts for alarms or faults, offering discreet yet effective protection for personnel and customers.

REFRIGERANTS

REFRIGERANT	SENSOR TYPE
R1234YF	Infrared sensor
R1234ZE	Infrared sensor
R134A	Infrared sensor
R32	Infrared sensor
R404A	Infrared sensor
R407C	Infrared sensor
R410A	Infrared sensor
R452B	Infrared sensor
R454A	Infrared sensor
R454B	Infrared sensor
R454C	Infrared sensor

GASES

GAS	SENSOR TYPE
Carbon Dioxide (CO ₂)	Infrared sensor

SPECIFICATIONS

SIZE	Flush mount box: H76 x W54 x D24mm (3 x 2.12 x 0.94ins) External mask: H118 x W118 x D14mm (4.64 x 4.64 x 0.55ins)
WEIGHT	0.2kg
ENCLOSURE MATERIAL	Polycarbonate
INGRESS PROTECTION	IP42
POWER	12-24 Vdc or 90-240 Vac
ELECTRICAL OUTPUT	2 relays; RS485 serial output
OPERATING TEMPERATURE	-10 / +50°C

Disclaimer

Due to ongoing research and product improvement, specifications are subject to change without notice. While every effort has been made to ensure accuracy in this document, no responsibility can be accepted for errors or omissions. Data may change, as well as legislation, and you are strongly advised to obtain copies of the most recently issued regulations, standards, and guidelines. This document is not intended to form the basis of a contract.

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