



EN 54-10

SENSEWARE IR³

TRIPLE-INFRARED FLAME DETECTORS

Flame detectors suitable for detecting flames from light and heavy hydrocarbons (wood, paper, oil, natural gas).

90° vision cone, good immunity to false stimuli.

Power supply 10-28Vcc.

Degree of protection IP65

Certificates: EN54-10, ATEX/IECEX cat.3 for use in 2/22 zones, FM.

Class 3260 and cFMus class 3611.

The IR3-109/1 flame detector provides three infrared sensors.

For indoor and outdoor use.

Suitable for non-ATEX classified zones or ATEX type 2 zones.

Case in GRP (fiberglass).



TECHNICAL FEATURES

Main features

- High immunity to false alarms
- Triple-infrared sensor
- Alarm relay and Fault relay
- 4-20 mA module

Electrical specifications

Power supply voltage	10 - 28 Vdc
Current draw	from 25 to 40 mA
IP Class	IP65
Viewing angle	0.09m ² n-heptane @ 23m
Sensitivity	Class 2 (EN54-10)
Coverage angle	90° Cone
Response spectrum	from 185 to 260nm
Operating temperature	from -25 to +70 °C

ORDER CODES

IR3-109/1IR³ Flame detector



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