

Explosion proof

X 9800

Order-No.: X 9800



Infrared Flame Detector

infrared flame detector to ensure the detection of hydrocarbon fires in industrial application such as turbines, petrolchemical, automotive industry, projects with high contamination

- automatic optical self-testing
- microprocessor controlled heated optics
- reliable detection even in case of more than one fault at the same time
- detects a n-heptane fire of 0.1 m² size at a distance of up to 15 meters
- high speed detection - 40 ms
- field of view 90°
- tri-colour LED indication for normal, alarm and fault
- mounting plate vibration-free after MIL
- event monitoring over built-in data logging
- maintenance mode over magnet
- modular housing design
- Technical specification:
 - supply voltage: 18-30VDC
 - supply current: 80µA quiescent /550mA alarm
 - interface: RS 485, 4-20 mA
 - relay outputs: 2x alarm, 1x fault
 - sensitivity N-Heptan: 0.1 m² at 15m distance, less than 15 sec.
 - Methan: 30" flame at 10,5m distance, less than 10 sec.
 - operating temperature: -40° to +75° C
 - humidity: 0 to 95% - shortly 100% HR
 - protection: IP66
 - housing colour: Red
 - material: Aluminium
 - weight: 2700 gr.
 - dimensions (HxWxD) mm: 119x122x246

Intrinsically safe class: 0538 Ex II 2 GD ATEX 132195 FM3260