



GMFD005D



FIFTH GENERATION FLAME DETECTOR

Complies with **ATEX Directive 2014/34/EU**

Category 3D/3G

Die-cast aluminium enclosure painted RAL 3000

Dimensions: DIN A

Working temperature: -30°C - +65°C

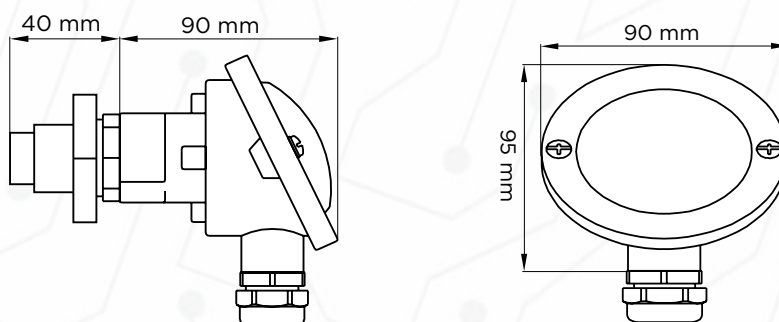
Power: 24Vdc

Absorption: 20mA [rest]
40mA [alarm]

Protection: IP65



DIMENSIONS:



ACCESSORIES:

GMSUP5D-B2



GMSUP5D-OPT

Non-invasive mounting kit.
Specific for GMFD005D, *suitable for ducts with diameter greater than 150 mm and a thickness less than 1.9 mm.*



GMSUP-F-IX-D

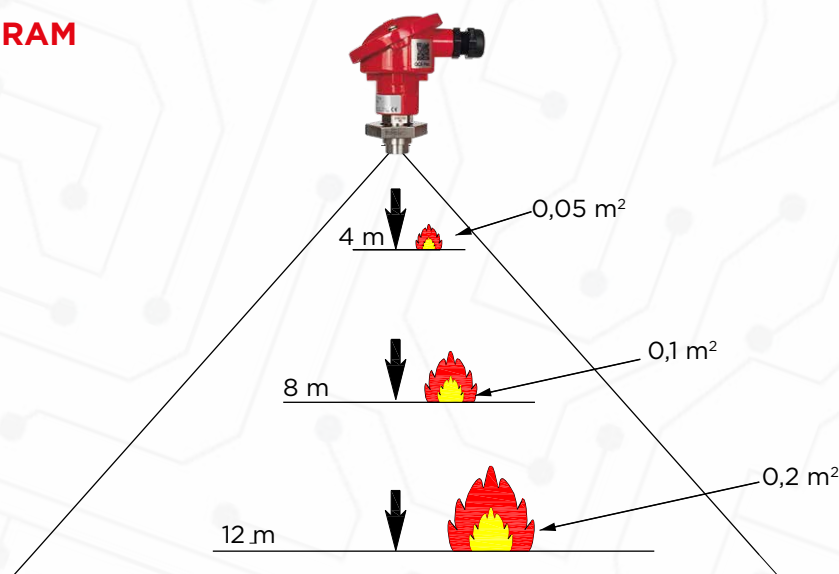
Wall/ceiling mounting kit
for the flame detector
(code GMFD005D).



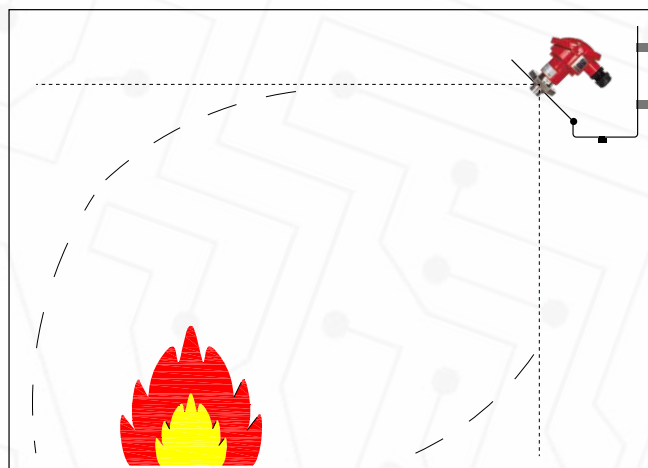
Fire Prevention: FLAME DETECTOR

Power supply	24Vdc +/- 10%
Nominal current	20mA REST 40mA ALARM 110mA ALARM + TEST
Working temperature	-30 - +65°C (-22°F to +149°F)
Storage temperature	-55 - +65°C (-67°F to +149°F)
Spectral response (nm)	900-2900
Optical sensitivity S: (V/W)	($\lambda = \lambda_p$, $V_s = 15V$) 4×10^4 Min. 1×10^5 Typ.
Detectivity D: ($\text{cm} \cdot \sqrt{\text{Hz/W}}$)	5×10^8 Min. 1×10^9 Typ.
Response time	0-63 % - - 250 μs Max.
Field of view	90°
Alarm time	40 ms
Enclosure	Die-cast aluminium
Protection	IP 65

SENSITIVITY DIAGRAM



Example of wall mounting with GMSUP-F-IX-D



Example of installation on tanks/silos with GMSUP5D-OPT

