DRÄGER · FIXED GAS DETECTION · FLAME DETECTOR

Flame 3000

Series: Flame



Dräger Flame 3000 is an imaging-based, explosion-proof flame detector. It detects n-heptane fires of 0.1 m^2 or more at 60 m; typical response time is 4 seconds. It provides 4–20 mA and relay outputs, IP66 / NEMA 4X protection, an 18–32 V DC supply and operation from -60 °C to 85 °C; ATEX, IECEx and FM approved.

01 Imaging-based, explosion-proof flame detector

02 60 m detection distance for a 0.1 m^2 n-heptane fire

03 4–20 mA and relay outputs

04 Powder-coated aluminium or stainless steel housing, IP66 / NEMA 4X

05 Tested with the FS-5000 flame simulator

Technical data

BRAND	Dräger
MODEL	Flame 3000
OUTPUTS	4–20 mA · Relay
DETECTION RANGE	60 m (200 ft), n-heptane fire of 0.1 m2 or greater
RESPONSE TIME	Typically 4 seconds
SIL LEVEL	None
IP RATING	IP66 / NEMA 4X
OPERATING TEMPERATURE	-60–85 °C
POWER SUPPLY	18 to 32 V DC (24 V DC nominal)
HOUSING	Aluminium or stainless steel, powder-coated
OTHER APPROVALS	ATEX, IECEx, CE marking, GOST (EAC), Performance approval FM3260, Shipping approval (DNV Type Approval), FM
DIMENSIONS	22x10 cm
WEIGHT	13.23 lb (6 kg)
COMPATIBLE ITEMS	Dräger FS-5000

Certificates

ATEX	ATEX
IECEX	IECEx
OTHER	CE marking
OTHER	GOST (EAC)
OTHER	Performance approval FM3260
OTHER	Shipping approval (DNV Type Approval)
OTHER	FM