

PIR 3000

Series: PIR



Dräger PIR 3000 is a gas transmitter that continuously monitors flammable gases and vapours using the infrared measuring principle. It offers an SS 316 stainless steel housing, IP65/66/67 protection, a 4–20 mA analogue output and SIL 2. With a 10–30 VDC supply it operates from -40 °C to 65 °C. ATEX, IECEx, UL, CSA, GOST (EAC) and shipping approved.

- 01 Infrared measurement of flammable gases and methane
- 02 4–20 mA analogue output; SIL 2 (IEC 61508-2)
- 03 SS 316 stainless steel housing, IP65/66/67
- 04 Operation from -40 °C to 65 °C
- 05 ATEX, IECEx, UL, CSA, GOST (EAC) and shipping approval

Technical data

BRAND	Dräger
MODEL	PIR 3000
GASES	Ex / LEL · CH ₄
SENSOR TECHNOLOGIES	Infrared
OUTPUTS	4–20 mA
RESPONSE TIME	<= 30 seconds
DISPLAY	no
SIL LEVEL	SIL 2 (IEC 61508-2)
IP RATING	IP65/66/67
OPERATING TEMPERATURE	-40–65 °C
POWER SUPPLY	10 to 30 VDC
HOUSING	Stainless steel SS 316
OTHER APPROVALS	ATEX, IECEx, UL, CSA, CE marking, GOST (EAC), Shipping approval
DIMENSIONS	17x3.7x3.7 cm (H × W × D)

WEIGHT 1.21 lb (550 g)

Standards

STANDARD	PERFORMANCE
IEC 61508-2	SIL 2
IEC 60079	—

Certificates

ATEX	ATEX
IECEX	IECEX
OTHER	UL
OTHER	CSA
OTHER	CE marking
OTHER	GOST (EAC)
OTHER	Shipping approval