

PIR 7000

Series: PIR



Dräger PIR 7000 is a point gas transmitter that continuously monitors flammable gases and vapours using the infrared measuring principle. It offers a response time below 1 second, 4–20 mA and HART output and SIL 2. Its SS 316L stainless steel housing is rated IP66/67 and operates from -40 °C to 77 °C. ATEX, IECEx, UL and CSA approved.

- 01 Infrared measurement of flammable gases and methane
- 02 Response time below 1 second
- 03 4–20 mA and HART output; SIL 2 (IEC 61508-1-3)
- 04 SS 316L stainless steel housing, IP66/67
- 05 ATEX, IECEx, UL, CSA, CE, performance and shipping approval

Technical data

BRAND	Dräger
MODEL	PIR 7000
GASES	Ex / LEL · CH ₄
SENSOR TECHNOLOGIES	Infrared
OUTPUTS	4–20 mA · HART
RESPONSE TIME	< 1 second (fast response)
DISPLAY	no
SIL LEVEL	SIL 2 (IEC 61508-1-3)
IP RATING	IP66/67
OPERATING TEMPERATURE	-40–77 °C
POWER SUPPLY	13 to 30 VDC
HOUSING	Stainless steel SS 316L
OTHER APPROVALS	ATEX, IECEx, UL, CSA, CE marking, Performance approval, Shipping approval
DIMENSIONS	16x8.9x8.9 cm (H × W × D)
WEIGHT	4.85 lb (2.2 kg)

Standards

STANDARD	PERFORMANCE
IEC 61508-1-3	SIL 2

Certificates

ATEX	ATEX
IECEX	IECEX
OTHER	UL
OTHER	CSA
OTHER	CE marking
OTHER	Performance approval
OTHER	Shipping approval