

DRÄGER · FIXED GAS DETECTION · OPEN-PATH DETECTOR

Pulsar 7000 Series

Series: Pulsar



Dräger Pulsar 7000 Series are open path gas detectors that detect explosive hydrocarbons at distances of up to 200 metres using the infrared measuring principle. They offer a response time of up to 2 seconds, 4–20 mA and HART output and SIL 2, SC 3. IP66/67 rated, operating from -55 °C to 60 °C. For the oil, gas and chemical industries; ATEX, IECEx, UL, CSA and FM approved.

- 01 Open path infrared measurement of hydrocarbons including methane
- 02 Detection distance up to 200 metres, response within 2 seconds
- 03 4–20 mA and HART output; SIL 2, SC 3 (IEC 61508-1-3)
- 04 Stainless steel 316L measuring unit, IP66/67
- 05 ATEX, IECEx, UL, CSA, FM, GOST (EAC), performance and shipping approval

Technical data

BRAND	Dräger
MODEL	Pulsar 7000 Series
GASES	Ex / LEL · CH ₄
SENSOR TECHNOLOGIES	Infrared
OUTPUTS	4–20 mA · HART
DETECTION RANGE	up to 200 metres
RESPONSE TIME	<= 2 seconds
DISPLAY	no
SIL LEVEL	SIL 2, SC 3 (IEC 61508-1-3)
IP RATING	IP66/67
OPERATING TEMPERATURE	-55–60 °C
POWER SUPPLY	18 to 32 VDC

HOUSING	Measuring unit: Stainless steel 316L Junction box: Stainless steel 316L or GRP
OTHER APPROVALS	ATEX, IECEx, UL, CSA, CE marking, GOST (EAC), Performance approval, Shipping approval, FM
DIMENSIONS	43x67x17 cm (H × W × D)
WEIGHT	20.94 lb (9.5 kg)

Standards

STANDARD	PERFORMANCE
IEC 61508-1-3	SIL 2, SC 3

Certificates

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

Areas of use

Petrochemical / refinery · Chemical