DRÄGER · FIXED GAS DETECTION · WIRELESS SYSTEM

GS01

Series: GasSecure



Dräger GS01 is a wireless infrared gas transmitter for continuous monitoring of flammable hydrocarbon gases and vapours in the oil and gas industry. Signal transmission and power supply are fully wireless (lithium-thionyl chloride battery). SIL 2 rated, response time of 5 seconds or less, IP66/67, -30 °C to 55 °C; ATEX, IECEx and FM approved.

01 Infrared measurement of flammable hydrocarbon gases (e.g. methane)

02 Fully wireless signal transmission; lithium-thionyl chloride battery

03 SIL 2 (IEC 61508-1-3), response time of 5 seconds or less

04 IP66/67 protection, operating temperature -30 °C to 55 °C

05 ATEX, IECEx, FM and CE

Technical data

BRAND	Dräger
MODEL	GS01
GASES	Ex / LEL · CH4
SENSOR TECHNOLOGIES	Infrared
OUTPUTS	Wireless
RESPONSE TIME	<= 5 seconds
DISPLAY	no
SIL LEVEL	SIL 2 (IEC 61508-1-3)
IP RATING	IP66/67
OPERATING TEMPERATURE	-30–55 °C
POWER SUPPLY	Lithium-Thionyl Chloride Battery
OTHER APPROVALS	ATEX, IECEx, CE marking, Performance approval, FM
DIMENSIONS	11x30x17 cm (H × W × D)
WEIGHT	6.17 lb (2.8 kg)

Standards

STANDARD	PERFORMANCE
IEC 61508-1-3	SIL 2

Certificates

ATEX	ATEX
IECEX	IECEx
OTHER	CE marking
OTHER	Performance approval
OTHER	FM

Areas of use

Offshore · Petrochemical / refinery