Protection Technologies

Gas Detection System
Natural Gas Detector

GZD01
Natural Gas Detector



- Natural gas (methane) and LPG sensitive
- Piezzo buzzer
- LED indicator
- 85dB audio output
- 5 years sensor life
- 50m² protection area
- Relay output
- IPX2D protection
- Supply voltage range 12V DC ± %10
- TSE EN 50194-1 approved
- Approved by IGDAS and GAZMER

EN 50194-1 TSE nqa ISO 9001 Registered UKAS CE

Technical Specifications

Model		GZD01
Environmental class		II indoor
Electrical		
Supply voltage range		12V DC ± %10
Voltage output		12V DC connector
Relay output		1A/12V COM,NC,NO
Relay contact output		125V AC 0.6/30V DC, 2A
Sensor		
Sensor type		Semiconductor
Sensor life		5 years
Warm-up time		45s
Response time		<10s
Lower explosion limit		8 %LEL
Protection area		50m²
Indications		
Audio warning		Buzzer 85dB
Visual warning	System operating	Green LED
	Alarm	Red LED
General		
Housing material		ABS Plastic
Housing shape		Standard
External cover color		White
Power consumption		2.5W
Operating to temperature		-10°C/+50°C
Operating to humidity		%95RH
Protection to class		IPX2D
Dimension (HxWxD)		143x83x30mm
Weight		140g
Certificate		
Certificate body		TSE, IGDAS, GAZMER
Certificate number		002749-TSE-01/01
Standard number		TS EN 50194-1

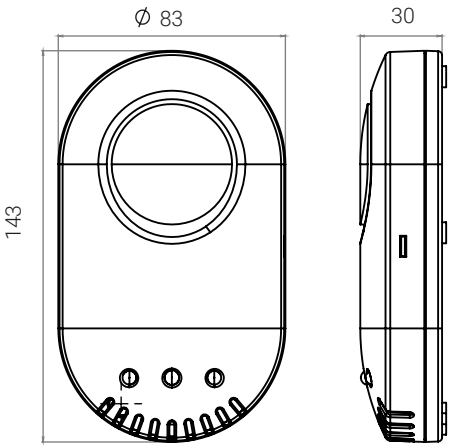
Description

GZD series gas detector detects gas leakage in closed environments and is designed to give audible and visual warnings. Natural gas(methane) and LPG sensitivity are high with reliable sensors. GZD detectors fit in every environment with its compact and elegant design. They could be used in households, office buildings, hotels, banks, retail stores and many more facilities. Natural gas detectors are life saver.

Ordering Information

P/N	Description
GZD01	Natural gas detector 12V DC with Relay, EN 50194-1 TSE, IGDAS, GAZMER
GZD03	Natural gas detector 220V AC with Relay
GZD04	Natural gas detector 220V AC with Relay 0.3A/30V CD 2A contact output
GZD05	Natural gas detector 12 - 24V DC with Relay

Dimensions (mm)



EDS reserves the right to make changes without notice in terms of tracking technical developments.

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