



## **GAS JANITOR**

a true safety

### **HYDROGEN GAS LEAKAGE DETECTOR-GJ0417**

#### **Description:**

The **GJ0417** is a wall mounted or fixed type Hydrogen gas leakage detector. This device senses the Hydrogen gas leakage and gives LED indication and send signal to control panel also. Detectors and control panel connected with four core cables. And it is installed near gas leakage points. This device is also compatible to operate solenoid valve, Hooter, Siren, Fire Panel and BMS with some customization.



#### **Features:**

- **Widely installed in many industries**
- **Four wire communication two for power and remains two for Output.**
- **Protection against wrong wire connection and over range.**
- **MCU Based**
- **Fast Response**
- **Simple installation and maintenance**
- **Weatherproof & Flameproof enclosure**

# TECHNICAL DATA SHEET



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## Technical Specifications:

• Detection Principle	:	Semiconductor
• Sampling	:	Diffusion
• Range	:	up to 1000 PPM
• Power Supply	:	24 VDC
• Power (MAX)	:	350 mA @ 24VDC
• Environmental Temperature	:	0 to 55°C
• Environmental Humidity	:	95% (Non-Condensing)
• Output	:	SPDT
• Alarm Level	:	100 PPM
• Response Time	:	<10 Sec
• Enclosure Class	:	IP66
• Mechanical Interface	:	3/4" NPT Three Side
• Total Dimensions	:	(L)180mm*(W)180mm*(H)100mm
• Color	:	TOP GRAY & BOTTOM YELLOW
• Housing Material	:	Aluminium Alloy
• Certificate	:	CMRI, BIS,PESO(CCOE)

## Installation Reference:

