

PRODUCT OVERVIEW

The Bosean Z60 Fixed Gas Detector/Transmitter is designed to provide accurate and reliable gas detection in a variety of industrial environments. With its advanced sensing technology, the Z60 ensures continuous monitoring and protection against hazardous gases, making it an essential safety solution for any workplace

FEATURES

- High Sensitivity and Long Life: The Z60 is equipped with advanced sensors that provide high sensitivity for detecting even low concentrations of gas. Its durable design ensures long-term use, reducing the need for frequent replacements.
- Low Drift and Reliable Performance: Engineered to minimize drift, this gas detector maintains accuracy and stability, making it a dependable choice for continuous monitoring.
- Self-Check of Sensor Fault: Built-in self-check functionality allows the Z60 to automatically detect sensor faults, ensuring continuous, reliable operation without unexpected downtime.
- LED Display: The easy-to-read LED display provides clear and immediate information on gas levels, ensuring prompt response and decision-making in critical situations.
- Temperature Compensation: Featuring temperature compensation, the Z60 maintains its accuracy across varying environmental conditions, ensuring reliable readings no matter the climate.
- Explosion Proof Design: Designed with safety in mind, the Z60 boasts an explosion-proof housing, making it suitable for use in hazardous locations.
- Easy to Install: With a user-friendly design, installation is straightforward, saving time and reducing installation costs

SPECIFICATION

Target Gas	Combustible Gases and Toxice Gases	
Sample Manner	Natural Diffusion	
Sensor type	Catalytic Gas Sensor For Combustible Gas Electrochemical Gas Sensor For Toxic Gas	
Unit	%LEL, ppm, %V0L	
Response Time	<30s	
Load resistance (4~20)mA	≤250 Ω	
Accuracy	F.S.±5%	
Repeatability	F.S.±3%	
Working Voltage	36V±6VDC	
Working Condition	Combustible Gas: Tem.: -40°C ~70°C Toxic Gas: Tem.: -20°C ~50°C	
Hum.	≤93%RH No Con.	
Explosion-Proof	Exd II CT6	
Protection degree	IP66 / IP67	
Power Consumption	≤2W	
Cable	≥ RVVP 0.75 mm2×2	
Transmit distance	≤1000m	
Pressure	86kPa~106kPa	
Install screw thread	G3/4	
Dimension	181*154*93mm	



IMAGES







FEATURES

- 2-Wire Bus RS485 Communication: The Z60 supports 2-wire bus RS485 communication, allowing for easy integration into existing systems and ensuring seamless data transmission.
- Remote Control: Manage and configure the Z60 remotely, adding convenience and flexibility to its operation.
- Sound and Light Alarm: Equipped with both sound and light alarms, this gas detector ensures immediate awareness of dangerous gas levels, enhancing workplace safety.

APPLICATION

- Oil and Gas: Reliable detection for critical applications in oil extraction and gas transmission.
- Chemical Industry: Precision and safety in chemical processing and handling.
- Environmental Protection: Accurate monitoring and protection for environmental conservation efforts.
- Metallurgy: Enhanced performance in metal production and processing.
- Refining: Efficient detection for refining processes and quality control.

SENSOR BRAND

Nemoto
Catalytic Gas Sensors

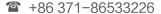


ION Sensor
Photoionization Gas Sensors

TARGET GAS:-

Ammonia (NH3)	LEL/Methane (LEL/CH4)
Carbon Monoxide & Hydrogen Sulphide (CO & H2S)	Methane (CH4)
Carbon Monoxide (CO)	Nitric Oxide (NO)
Chlorine (CL2)	Nitrogen Dioxide (NO2)
Carbon Dioxide (CO2)	Oxygen(O2)
Ethylene Oxide (C2H4O)	Ozone (03)
Hydrogen Chloride (HCL)	Particulates (Optical Particle Counters)
Hydrogen Cyanide (HCN)	Phosphine (PH3)
Hydrogen Peroxide (H202)	PM1, PM2.5, PM10
Hydrogen Sulfphide & Carbon Monoxide (H2S & CO)	Sulphur Dioxide & Hydrogen Sulphide (SO2 & H2S)
Hydrogen Sulphide & Carbon Monoxide (H2S & CO)	Sulphur Dioxide (S02)
Hydrogen Sulphide & Sulphur Dioxide (H2S & S02)	Temperature, Pressure, Humidity
Hydrogen Sulphide (H2S)	Temperature, Humidity
Hydrogen (H2)	VOC





⋈ sales@bosean.com

➡ Block 10. Yida New Park No. 16 JinZhan Road, High—Tech zone, Zhengzhou, Henan Province.