

Z60 Fixed Gas Detector/Transmitter

Reliable Safety Monitoring



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 Toxic Gases
Sample Manner	Natural Diffusion
Sensor type	Catalytic Gas Sensor For Combustible Gas Electrochemical Gas Sensor For Toxic Gas
Unit	%LEL, ppm, %VOL
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

Susatech , Citytech , Alphasense

Electrochemical Gas Sensors

ION Sensor

Photoionization Gas Sensors

TARGET GAS :-

<input type="checkbox"/>	Ammonia (NH3)
<input type="checkbox"/>	Carbon Monoxide & Hydrogen Sulphide (CO & H2S)
<input type="checkbox"/>	Carbon Monoxide (CO)
<input type="checkbox"/>	Chlorine (CL2)
<input type="checkbox"/>	Carbon Dioxide (CO2)
<input type="checkbox"/>	Ethylene Oxide (C2H4O)
<input type="checkbox"/>	Hydrogen Chloride (HCL)
<input type="checkbox"/>	Hydrogen Cyanide (HCN)
<input type="checkbox"/>	Hydrogen Peroxide (H2O2)
<input type="checkbox"/>	Hydrogen Sulphide & Carbon Monoxide (H2S & CO)
<input type="checkbox"/>	Hydrogen Sulphide & Carbon Monoxide (H2S & CO)
<input type="checkbox"/>	Hydrogen Sulphide & Sulphur Dioxide (H2S & SO2)
<input type="checkbox"/>	Hydrogen Sulphide (H2S)
<input type="checkbox"/>	Hydrogen (H2)

<input type="checkbox"/>	LEL/Methane (LEL/CH4)
<input type="checkbox"/>	Methane (CH4)
<input type="checkbox"/>	Nitric Oxide (NO)
<input type="checkbox"/>	Nitrogen Dioxide (NO2)
<input type="checkbox"/>	Oxygen (O2)
<input type="checkbox"/>	Ozone (O3)
<input type="checkbox"/>	Particulates (Optical Particle Counters)
<input type="checkbox"/>	Phosphine (PH3)
<input type="checkbox"/>	PM1, PM2.5, PM10
<input type="checkbox"/>	Sulphur Dioxide & Hydrogen Sulphide (SO2 & H2S)
<input type="checkbox"/>	Sulphur Dioxide (SO2)
<input type="checkbox"/>	Temperature, Pressure, Humidity
<input type="checkbox"/>	Temperature, Humidity
<input type="checkbox"/>	VOC