



EST-WD6200IRII Fixed Gas Detector

Double beam infrared technology, good stability

High accuracy, longer lifespan

4-20mA / Hart signal output

Measuring gas: CH₄, C₃H₈, C₄H₁₀

Measuring range: 0-100%LEL

Measuring accuracy: ±3%LEL

Sensor life: ≥5 years

Description

EST-WD6200IRII Fixed Gas Detector is designed for detecting flammable gas. It features a double beam IR sensor that effectively reduce the zero drift to the minimum, and extends the maintenance intervals. The detector enjoys better gas selectivity, stability, longer life span, and wider application over detector with regular IR sensor. It shows not only the concentration of gas but also diagnostic result of the unit itself through the LCD screen and can be connected to the control panel with a standard 4-20mA analog communication.

Features

Double beam infrared technology, good stability

High accuracy, longer lifespan

4-20mA / Hart signal output

2 relay output for gas leak alarm and fault alert

LCD display, easy to read

Calibration indication and overdue indication

Magnetic bar and IR remote for setting, easy operation

Special installation accessories, easy installation

Smart sensor module design, easy maintenance

Sensor with heating function, excellent moisture and heat resistance

Optional Bluetooth communications function

Support remote upgrade

Application

Petroleum and petrochemical industry refineries, LPG/LNG tanking plants, gas energy industry, gas plants, offshore oil/gas platforms, etc.

Specification

Measuring gas	CH ₄ , C ₃ H ₈ , C ₄ H ₁₀
Measuring range	0-100%LEL
Measuring accuracy	±3%LEL
Sensor life	≥5 years
Measuring type	Diffuse naturally
Response time	≤30s
Signal output	4-20mA / Hart
Alarm output signal	2 programmable relays
Cable / distance	1.5 MM ² , 3 wire, shielded, 1000m (maximum)
Conduit connection	NPT3/4
Mounting type	Wall mounted
Working temperature	-40°C~+70°C
Working humidity	≤95%RH (no condensation)
Operation voltage	DC24V±25%
Consumption	≤6.5W
Ingress Protection	IP66 / IP67
Explosive proof	Ex d IIC T6 Gb
Housing material	316L
Dimension and weight	243×158×127mm, about 5.2kg