



EST-WD6200 Fixed Gas Detector

High measurement accuracy, stable performance and long service life

4-20mA analog signal output, RS485-RTU digital upload

Measuring gas: Combustible gas, toxic gas

Sample method: Diffuse naturally

Power: DC24V±6V, ≤3.6W

Response time: LEL: T90≤15s Toxic gas: T90≤30s

Description

EST-WD6200 fixed gas detector is designed for industrial use. By adopting high-performance gas sensor and MCU technology, combined with sophisticated SMT manufacturing process, this detector has good repeatability, high accuracy and long lifespan.

Features

High measurement accuracy, stable performance and long service life

4-20mA analog signal output, RS485-RTU digital upload

HART output, support Hart handheld communicator for settings

3 relay outputs for 1st alarm, 2nd alarm and fault

High-performance LCD screen display

Non-contact operation by magnetic bar / infrared remote control

Smart sensor module, free of calibration, easy to maintain

Bluetooth communication

Remote upgrade function (optional)

Application

The detector is widely used in oil refineries and chemical plants in the petroleum and petrochemical industries, as well as industries where flammable gases may cause explosions such as metallurgy, electric power, gas, catering, and aquaculture.

Specifications

Measuring gas	Combustible gas, toxic gas
Sample method	Diffuse naturally
Power	DC24V±6V, ≤3.6W
Response time	LEL: T90≤15s Toxic gas: T90≤30s
Electrical output	4-20mA, Hart, RS485-RTU
Relays	For 1st alarm, 2nd alarm, Fault ; SPST contacts rated 3A 30Vdc or 3A 250Vac
Operation by	Magnetic bar or IR remote control
State indication	Yellow--Fault, Red--Alarm, Green—Power
Operating temperature	LEL: -40~70°C Toxic: -20~50°C
Humidity	≤95%RH (no condensation)
Ambient pressure	86KPa~106KPa
Ex grade	Ex d IIC T6 Gb / Ex tD A21 IP67 T80°C
Ingress protection	IP67
Enclosure material	Stainless steel
Cable entry	NPT3/4
Dimensions	130mm x 209mm x 116mm
Weight	About 5.5kg