

# Fixed Gas Detector



**SIL II**

## WD6200 Fixed Gas Detector

WD6200 is a fixed gas detector installed in a place where potential gas hazard exists to measure oxygen, toxic gas and combustible gas. 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.

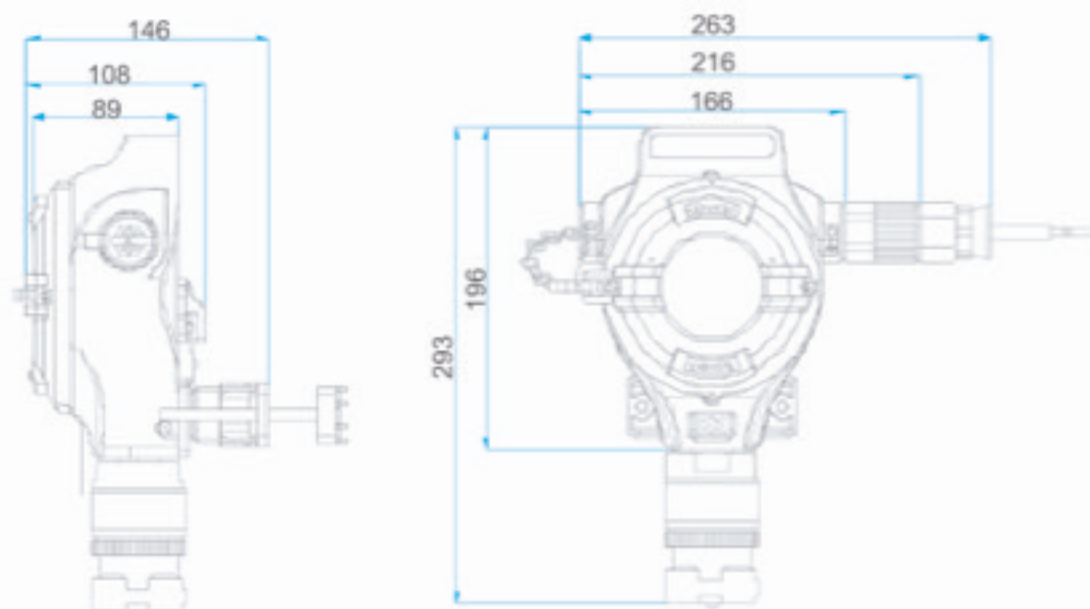
## FEATURES

- Smart sensor module design, easy for replacement
- WD6200 measures the concentration of the flammable gas, toxic gas, oxygen and VOCs
- Explosion proof structure.
- Water and dust proof design
- LCD screen display
- IR remote control for setting and calibration.

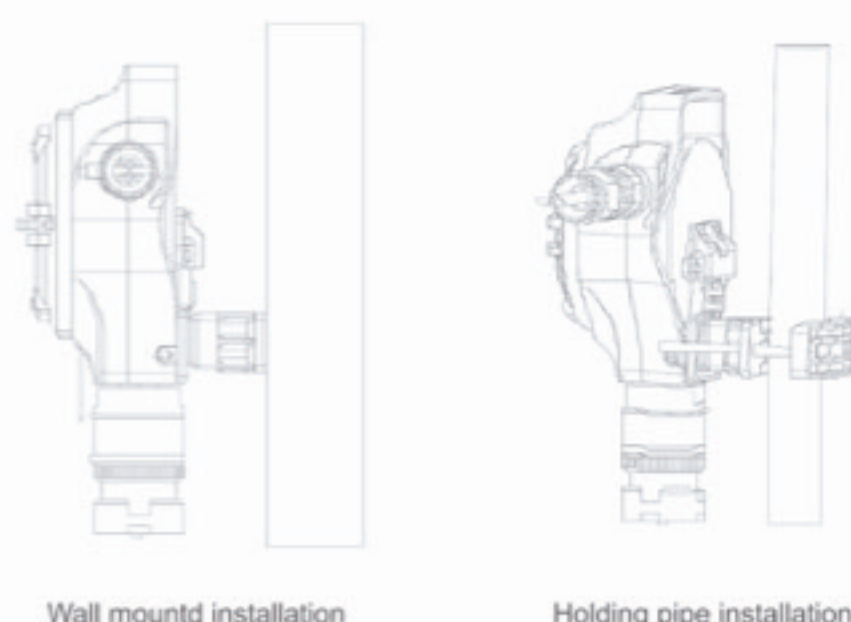
## APPLICATION

Steelworks, Petrochemical plants, Shipyards, Water treatment plants, Mines, Power plants, Food industry etc.

## DIMENSION DRAWINGS



## INSTALLATION DRAWINGS



## SPECIFICATIONS

Measuring gas	Combustible	Catalytic sensor / NDIR sensor	Response time	Catalytic sensor: T90≤30s Electrochemical: T90≤60s NDIR sensor: T90≤10s PID sensor: T90≤10s
	Toxic gas & O2	Electrochemical sensor		
	CO2 gas	NDIR sensor		
	VOCs	PID sensor		
Measuring range	Refer to our gas list		Mounting type	Wall mounted
Measuring accuracy	±5%F.S.		Working temperature	Toxic gas: -20℃ ~ +50℃ Combustible: -40℃ ~ +70℃
Sensor life	Catalytic sensor: 3 years Electrochemical: 2 years (1 year for O2 sensor) NDIR sensor: 5 years PID sensor: 0.6 to 1 year		Working humidity	≤95%RH (no condensation)
			Operation voltage	DC24V±25%
			Consumption	<2W
			Ingress Protection	IP65
Measuring type	Diffuse naturally		Housing material	Chamber: Aluminum alloy Sensor cover: Stainless steel
Signal output	4-20mA			
Alarm output signal	3 programmable relays		Dimension and weight	293mm*263mm*108mm, about 2.7kg
Cable / distance	1.5 MM², 3 wire, shielded,1000m (maximum)		Explosive proof	Ex d IIC T6
Conduit connection	G3/4"			

**Welcome to Hanwei !**



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