

# PONPE 330 Series

PONPE 330 series fixed gas detector is also called gas sensor. It transforms the gas density in the operating site into standard electric current signal (4-20mA). With LED display, detector's sensor can be changed and reused as soon as it is connected to electricity.

PONPE 330 series detector has excellent performance, stable operation, easy maintenance. Detector can detect various gas, it meet various requirements in the operation site; it has been widely used in petrol, chemistry, metallurgy, artifice, gas transportation, biological medicine and water procession etc.



## Funcios

- Standard 4-20mA electric current output, compatible with existing alarm control unit or DSC (distributed control system).
- LED site display that is suitable for factory
- Standard three buttons: so an individual can operate the detector on site.
- Automatic identify and display the sensor failures, output the corresponded current signal at the same time.
- The key operation needs to input password to prevent wrong operation.
- Simple calibration function; reducing measuring error
- Two levels' light alarm, relay output (connected with audible & visual alarm outside or start exhaust system)

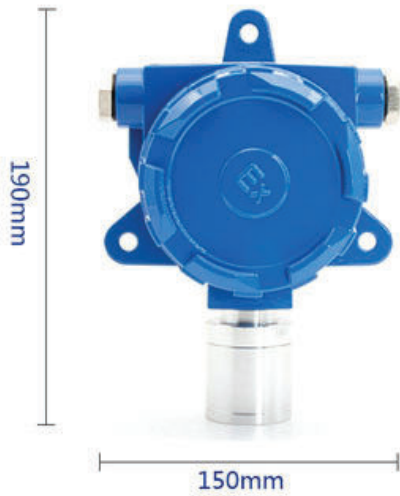
## Technical Parameters

Detecting Gas	Combustible gas, toxic gas, oxygen	Working Temperature	Toxic gas: - 20°C ~ + 50°C Combustible gas: - 40°C ~ + 70°C
Measuring	See the chart	Working Humidity	10-95% R.H.(no condensation)
Working Volt-	24VDC±15%	Explosion-proof level	Exd IICT6(used for explosion proofing detector)
Signal output	4~20mA linear current output;	Protection Class	IP66
Deviation	≤± 3% F.S	Transition cable three core shield cable	RVVP 3×1.5mm <sup>2</sup> ; 4×1.5mm <sup>2</sup>
Respond Time	T90 < 30 s	Transmission distance	≤1000m
Recovering time	≤ 30 s	Weight	About 1.5kg
Display model	LED display		

# ponpe

## INSTRUMENTS

# FIXED GAS TRANSMITTER & CONTROLLER



## Specifications

Product Model	Detected Gas	Measuring Range	Resolution	Respond Time	Low Alarm	High Alarm
PONPE CH <sub>4</sub>	CH <sub>4</sub>	0-5%vol	0.01%vol	≤30s	1%vol	2%vol
		0-100%vol	0.1%vol	≤30s	3%vol	5%vol
PONPE 330-C <sub>2</sub> H <sub>4</sub>	C <sub>2</sub> H <sub>4</sub>	0-200ppm	1ppm	≤30s	20ppm	50ppm
PONPE 330-C <sub>3</sub> H <sub>3</sub> N	C <sub>3</sub> H <sub>3</sub> N	0-100ppm	1ppm	≤30s	5ppm	15ppm
PONPE 330-CL <sub>2</sub>	CL <sub>2</sub>	0-20ppm	0.1ppm	≤30s	2ppm	5ppm
PONPE 330-CLO <sub>2</sub>	CLO <sub>2</sub>	0-50ppm	0.1ppm	≤30s	5ppm	10ppm
PONPE 330-CO	CO	0-1000ppm	1ppm	≤15s	50ppm	150ppm
PONPE 330-CO <sub>2</sub>	CO <sub>2</sub>	0-5000ppm	1ppm	≤30s	1000ppm	2000ppm
		0-5.00%vol	0.01%vol	≤30s	1.00%vol	2.00%vol
PONPE 330-ETO	ETO	0-100ppm	1ppm	≤30s	20ppm	50ppm
PONPE 330-EX	combustible gas	0-100%LEL	1%LEL	≤30s	20%LEL	50%LEL
PONPE 330-H <sub>2</sub>	H <sub>2</sub>	0-1000ppm	1ppm	≤30s	50ppm	200ppm
PONPE 330-H <sub>2</sub> S	H <sub>2</sub> S	0-100ppm	1ppm	≤15s	10ppm	15ppm
PONPE 330-HCHO	HCHO	0-10ppm	0.1ppm	≤30s	5ppm	10ppm
PONPE 330-HCL	HCL	0-20ppm	1ppm	≤25s	3ppm	5ppm
PONPE 330-HCN	HCN	0-20ppm	0.1ppm	≤30s	5ppm	10ppm
PONPE 330-HF	HF	0-10ppm	0.1ppm	≤30s	1ppm	2ppm
PONPE 330-NH <sub>3</sub>	NH <sub>3</sub>	0-200ppm	1ppm	≤30s	25ppm	50ppm
PONPE 330-NO	NO	0-250ppm	1ppm	≤25s	35ppm	50ppm
PONPE 330-NO <sub>2</sub>	NO <sub>2</sub>	0-20ppm	0.1ppm	≤25s	2ppm	5ppm
PONPE 330-O <sub>2</sub>	O <sub>2</sub>	0-30%vol	0.1%vol	≤15s	18.5%vol	18.5%vol
PONPE 330-O <sub>3</sub>	O <sub>3</sub>	0-5ppm	0.01ppm	≤25s	0.1ppm	0.5ppm
PONPE 330-PH <sub>3</sub>	PH <sub>3</sub>	0-20ppm	0.1ppm	≤15s	1ppm	3ppm
PONPE 330-SO <sub>2</sub>	SO <sub>2</sub>	0-20ppm	0.1ppm	≤15s	2ppm	5ppm
PONPE 330-VOC	VOC	0-1000ppm	1ppm	≤30s	50ppm	100ppm
		0-50ppm	0.1ppm	≤30s	5ppm	10ppm

As for unlisted detected gas and measuring range, please contact with our company

## Optional

Alarm Lamp is optional