

GAS DETECTION CO DETECTOR

BP-GD300-CO



DESCRIPTION

The system selects the special sensor to detect CO/CO₂/temperature and humidity respectively, and can observe the current concentration value in real time on the controller interface. When the concentration exceeds the standard, the controller automatically alerts you.

The electrochemical cell and the algorithms used to detect the concentration of CO enable the BP-GD300-CO to provide high reliability and precision in CO detection.

APPLICATIONS

Its main application is to activate ventilation systems in car parks or garages, either in a community of neighbours or in large area.

If you breathe, even in moderate amounts, carbon monoxide can cause death from poisoning in a few minutes, as it substitutes to oxygen in the blood's haemoglobin.

The air renewal in those spaces where there is a high concentration of combustion vehicles is essential to detect the concentration of carbon monoxide in order not to have an intoxication with this gas.

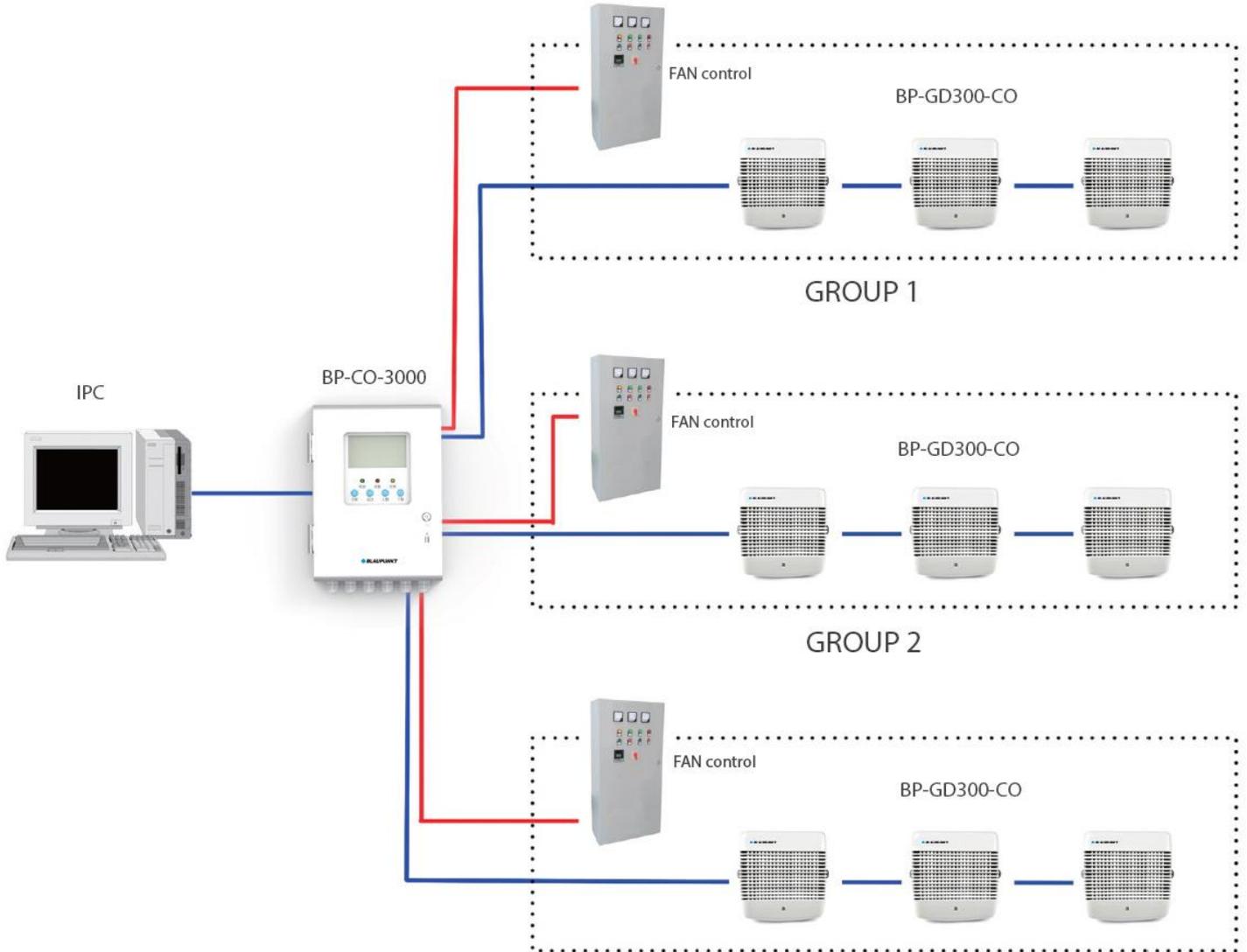
FEATURES

- Detect CO/CO2/temperature and humidity in the environment
- Highly sensitive sensor, fast response
- Network cable interface, easy to install and wire
- Built-in dial switch, flexible adjustment of address code

SPECIFICATION

Model	Parameters	BP-GD300-CO	BP-GD300-CO2	BP-GD300-TH
Target Object				
CO	Electrochemical	•	-	-
CO2	Infrared	-	•	-
Temp & Humidity	/	-	-	•
Function				
Measure Range	CO: 0-200ppm	•	-	-
	CO2: 400-2000ppm	-	•	-
	Temp: -10°C ~ 60°C	-	-	•
	Humidity: 20-90%RH	-	-	•
Accuracy	CO: ±5ppm	•	-	-
	CO2: ± (50ppm + 5% readings)	-	•	-
	Temperature: ±2°C	-	-	•
	Humidity: ±5%RH	-	-	•
Electrical				
Power supply	24VDC	•	•	•
Consumption	≤1W	•	•	•
Signal output	RS485	•	•	•
Cable	Shielded network cable	•	•	•
Environment				
Ambient temp.	-10°C ~ 55°C	•	•	•
Pressure	80-120kPa	•	•	•
Body material	ABS	•	•	•
Connection	RJ45	•	•	•
Weight	0.17kg	•	•	•
Dimensions (H*W*D)	106 * 120 * 42mm	•	•	•

SYSTEM INTRODUCTION



Enjoy it.