O/E LAND INC.

Infrared CO_2 Gas Sensor

The infrared CO_2 gas sensor with model number **OEGAS-100-CO2** is a high sensitivity, high precision gas sensor for gas analysis, process control, environment and safety monitoring application. It is also widely used in petroleum, chemical, metallurgy , tobacco , food, pharmaceutical and other industries. The sensor provides a convenient interface that can be easily and quickly connected with the existing monitoring and control systems.

Features

- Infrared technology
- Low cost
- Digital signal processing
- High sensitivity
- Small foot print
- Easy to operate

Specifications of OEGAS-100-CO2:

Parameter	Unit	Value		
		OEGAS-100-CO2-05	OEGAS-100-CO2-10	OEGAS-100-CO2-15
Range	ppm	0 - 2000	0 - 10 000	0 - 5%
Gas outfit	mm	ID = 2.5, OD = 4		
Warm up time	min	20		
Response time	s	15		
Resolution	ppm	0.01	0.01	0.01%
Linearity error	ppm	<± 20	<± 100	<± 0.05%
Power supply	DCV	9		
Communication mode	-	Modbus Ascii Series Port		
Operation temperature	°C	-20 - +50		
Storage temperature	°C	-20 - +50		
Humidity	%	0 - 98		
Dimensions	mm	130 x 30 x 20	110 x 30 x 20	90 x 30 x 20

Note: All specifications are subject to change without notice