

# FG10-O<sub>2</sub>



## Features

- Solid and durable.
- Extra-large LCD display, easy for read with extra-brilliant backlight.
- Magnetic pole operation is easy and safe.
- Multiple signal output.
- Case protection classification can be ranked up to IP66.
- One key recovery function, assure you from worrying about mistakes.



## Specifications

<b>Part No.</b>	<b>90005000-C1</b>
<b>Gas Detected</b>	<b>Oxygen, O<sub>2</sub></b>
<b>Sampling Method</b>	<b>Diffusion</b>
<b>Gas Sensor</b>	<b>Electrochemical sensor</b>
<b>Measure Range</b>	<b>0~30%Vol.</b>
<b>Resolution</b>	<b>0.1%Vol.</b>
<b>Response Time</b>	<b>Less than 30 seconds</b>
<b>Power</b>	<b>Voltage: (15~30)VDC, electricity: 50mA</b>
<b>Interface</b>	<b>3/4" NPT</b>
<b>Display</b>	<b>Displayed with large screen LCD</b>
<b>Alarm method</b>	<b>3-LED lights alarms</b>
<b>Signal Output</b>	<b>Analog signal(4~20)mA, loading resistance: 500Ω</b>
	<b>Digital signal RS485 ModBus RTU communication</b>
	<b>On/off signal: 3 relays</b>
<b>Wiring</b>	<b>Triple wire system; Power, GND, Signal</b>
<b>Protection Classification</b>	<b>IP66</b>
<b>Environment Temperature</b>	<b>-20℃~ 50℃</b>
<b>Environment Humidity</b>	<b>15%~ 95% relative humidity (standard)</b>
<b>Explosion-Proof</b>	<b>Ex d IIC T6</b>
<b>Size</b>	<b>209mm*133mm*110mm (length*width*height)</b>
<b>Weight</b>	<b>2.2 kg</b>
<b>Materials of the cases</b>	<b>Casting aluminum and stainless steel</b>

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