



Features & Benefits

- Rubber enclosure for shock prevention
- Water/dust proof enclosure
- High performance audible, visual, and vibration alarms
- Adjustable alarm set points
- LCD display with LED backlight
- Data logging capability
- User-replaceable sensor element and battery

Specifications by Gas-Type

Model Number:	OI-315-SO2	OI-315-H2	OI-315-NH3
Measuring Gas:	SO2	H2	NH3
Measuring Range:	0-20 ppm	0-1,000 ppm	0-100 ppm
Sensor Life:	> 2 years	> 2 years	> 2 years
Response Time:	< 35 sec/90% scale	< 75 sec/90% scale	< 60 sec/90% scale
Accuracy:	+/- 3%/full scale	+/- 3%/full scale	+/- 3%/full scale
Resolution:	1 ppm	1 ppm	1 ppm

General Specifications

Measuring Type:	Diffusion
Measuring Method:	Electrochemical
Parameter Control:	Front 2-switch (calibration, maintenance, alarm setting)
Operation Mode Display:	Visual: digital LCD display, red LED Audible: buzzer (90 dB @ 10 cm)
Measuring Value Display:	3-digit LCD display
Alarm Display:	Visual: alarm and status icon, red LED Audible: buzzer
Alarm Level Set:	Programmable within detection range
Data Log:	Event Log: 20 alarm events
Mounting Type:	Belt clip
Programmable Set Modes:	Alarm value (low and high alarm) Date and time Calibration
Operating Temperature:	-20° C to 50° C (-4° F to 122° F)
Operating Humidity:	5% to 95% RH (non-condensing)
Operating Power:	CR2 Lithium battery 3V OR SB-AA02 Lithium 1/2 AA, 3.6v/1.2Ah
Battery Life:	1.2 years (8 hours of use per day)
LCD Size:	1.06" W x .69" H (27 mm W x 17.5 mm H)
Dimensions:	2.13" W x 3.58" H x 1.26" D (54 mm W x 91 mm H x 32 mm D)
Weight:	4.23 oz. (120 g) including battery
Approval:	Ex ia IIC T4 IP67 (KGS, ATEX)

Dimensions

