INDOOR OXYGEN MONITOR

Model OX-600

3 color LED Digital Display

Normal

Warning

Alarm

Features

Stand alone with audible and visual alarms (Analog output is also available)

Intuitive three color alarming display

Long life and reliable oxygen sensor

Three kinds of power supply are available, 100VAC, 24VDC, and Dry cells (two AA batteries)

Remote sensor with cable length 3m, 5m, 10m, 20m are available (optional)

Pressure compensation to eliminate false alarm caused by pressure variation

Applications

Laboratories, Cryogenic, Clean room, Gas storage room, any facilities using inert gases such as nitrogen, argon, helium, etc.

Specifications

Model Name	OX-600		
Detection Principle	Galvanic cell		
Gas Detected	Oxygen		
Sampling Method	Diffusion or remote sampling method		
Measuring Range	0-25.0vol％ （0.1vol％ digit)		
Preset Alarm Levels	1st :19.0vol％　2nd：18.0vol％　(Standard)		
Alarm Types	Two preset alarms (L-LL)		
Trouble Alarm Method	Non-latching or Latching		
Display	LCD digital display (3 digits, 3 color, Green, Orange, Red backlight)※1		
Indication on the display	Measuring gas, Gas concentration, Measuring unit, Battery level (alkaline battery type only)		
Functions	Self-diagnosis(sensor fail, watch fail, system fail), Pressure compensation		
Power Supply	AC100V±10％ 50/60Hz	DC24V±10％	AA alkaline battery x 2pcs
Power Consumption	MAX5VA	MAX3W	—
Alarm Contact	Non-voltage contact 1a or 1b・normally-open (closed in ALARM)		—※2
Transmittance Specification	DC 4-20mA（Non-isolated, Resistive load under 300Ω) or DC 0-1V （Non-isolated)		DC 0-1V （Non-isolated)
Remote cable	3m/5m/10m/20m		
Operating	0-40℃（no sudden change），Below 90％RH（no-condensing)		
Dimension	Body：approx. 80（W）×120（H）×35.5（D）mm Remote sensor：approx. 40（W）×96（H）×35.5（D）mm		
Weight	Approx. 200g	Approx. 180g	Approx. 230g
Weight of remote sensor	Approx. 55g(without cable)		

※1 No backlit for battery type at normal times
※2 No contact for battery type

Standard accessories

・Screw (round head) x 2 pcs.
・Screw (pan head) x 2pcs.

Optional accessories

・Remote sensor
　(Cable length：3m/5m/10m/20m)

・Mounting plate
・Calibration cap

Body

Power switch
Up/down key
Buzzer
Sensor

Compact size
(80x120x35.5mm)

Example

【Dry Battery】
Type for tunnel,
　underground construction field etc.

【AC100V／DC24V】
Type for clean room, laboratory, etc.