Simple operation

Stable operation

Accurate testing

GPD0I

Dissolve Oxygen Controller

Product Description

GPD01 microcomputer dissolved oxygen controller since the market promotion, has been produced nearly 10 years, has been known for stable performance, accurate measurement, easy to use, trusted by the majority of environmental protection enterprises, is a cost-effective and comprehensive high product.
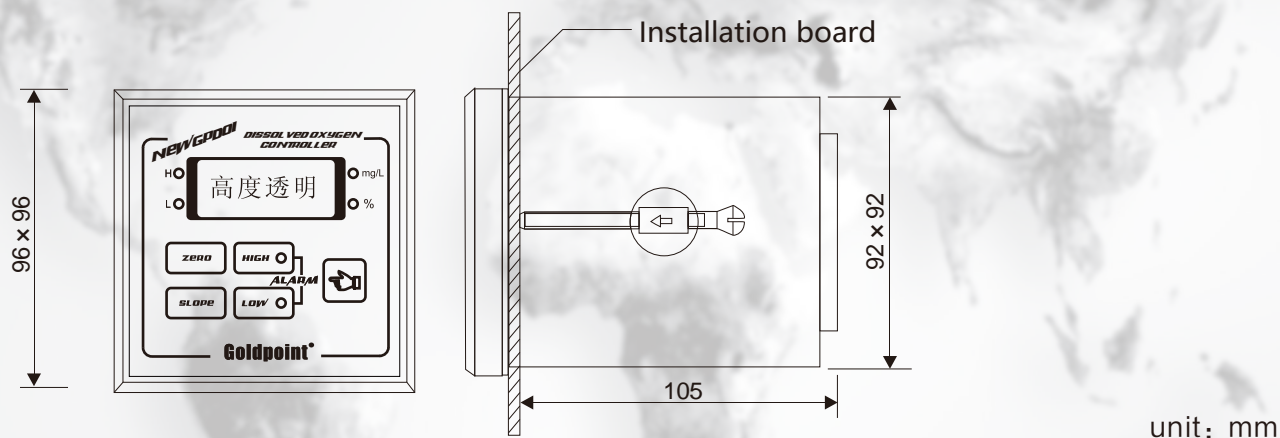
Product Application

It is suitable for monitoring the import and export of power stations and deaerators; it is also used for monitoring various process points in sewage treatment plants.

Product Features

● Constant potential tripolar measuring electrode, which enhances the stability of the electrode sensing result and improves the accuracy of the whole testing system.

● Optically isolated 4~20mA current output (reversible), strong anti-interference, can be adapted to various types of actuators or computer connection.

● LCD display .

● With two independent 220VAC/3A alarm relay outputs for high and low dissolved oxygen alarms.

● All alarms have independent inoperative band control .

● Automatic temperature compensation for solution temperature in the range of 0~50℃.

● RS485 communication interface.

Product size

Installation board

unit：mm

Technical data

Product Model	GPDO01
Measurement Range	DO:0.00～20.00mg/L; Temp: 0～100℃
Resolution	DO:0.01mg/L; Temp:0.1℃
Temperature Compensation	Automatic or manual compensation
Accuracy	DO:0.1mg/L; Temp:0.1℃
Calibration Method	Two-point calibration: zero calibration, fullness calibration
Current Output	One way 4.00～20.00mA opto-isolated max. load 550Ω
Switching Output	2 Relays; SPST contacts; 3A 110/220VAC,3@30VDC impedance
Serial interface	RS 485 communication
Operationg Environment	−10～+60°C; 0～95% relative humidity, non-condensing
Storage Environment	−20～+70°C; 0～95% relative humidity, non-condensing
Power Requirements	AC：100～240VAC；50～60Hz; Maximum power approx. 5W
Installation	Panel
Dimension	96mm×96mm×125 mm （Aperture Size:92mm X 92mm）
Power Supply	IP54
Protection Grade	AC220V±10，50Hz

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