




-  Simple operation
-  Stable operation
-  Accurate testing

GDO05

Dissolve Oxygen Controller

Product Description

GDO05 series microprocessor type dissolved oxygen controller since the market promotion, has been produced for 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 higher products.

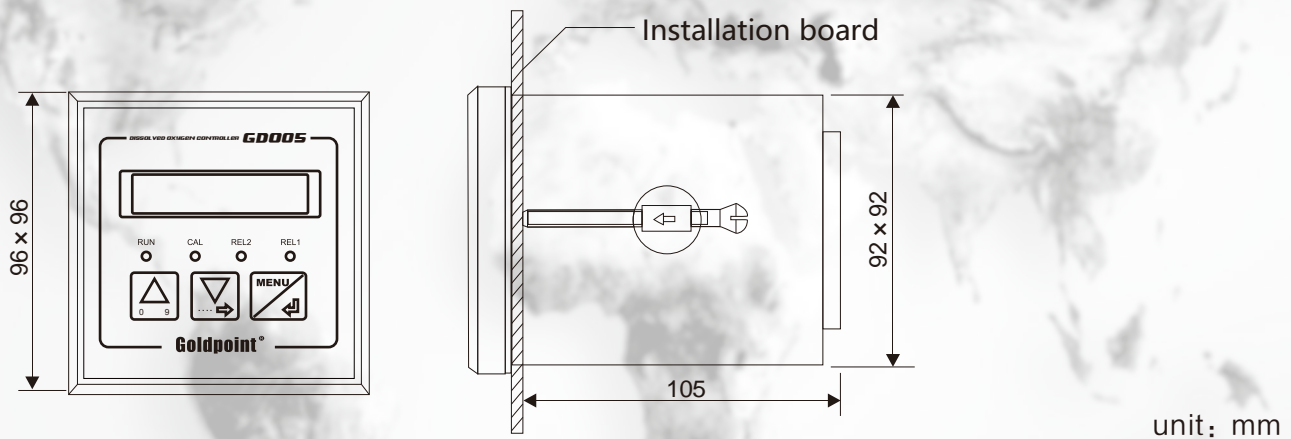
Product Application

It can be used for monitoring the inlet and outlet of power stations and deaerators; and monitoring of various process points in wastewater treatment plants. Typical application environments include conditioning tanks, aeration tanks, aerobic/anaerobic digestion tanks and effluent monitoring. It can also be used for the determination of dissolved oxygen in various water bodies such as surface water and sewage.

Product Features

- Constant potential tripolar measuring electrodes enhance the stability of electrode sensing results and improve the accuracy of the entire test system.
- Automatic or manual temperature compensation, atmospheric pressure compensation greatly improves the measurement accuracy.
- Multiple output options: two 0/4-20mA analog outputs, two pulse signal outputs, one RS485 digital output, and three switch outputs
- Password protection to prevent misoperation.

Product size



Technical Data

Product Model	GDO05R	GDO05F
Measurement Range	DO: 0.00 ~ 20.00mg/L; Temp: 0 ~ 100°C	
Resolution	DO: 0.01mg/L; Temp: 0.1°C	
Temperature compensation	Automatic or manual compensation	
Accuracy	DO: 0.1mg/L; Temp: 0.1°C	
Calibration Method	Two-point calibration: zero calibration, fullness calibration	
Current Output	0.00/4.00 ~ 20.00mA Opto-isolated Maximum Load 550 Ω	
Switching Output	3 Relays; SPST contacts; 3A 110/220VAC, 3@30VDC impedance	
Pulse Output	0.1 to 999.9 (frequency)	
Serial interface	RS 485 communication	
Memory Backup	All user settings are retained indefinitely in memory (EEPROM)	
Operating 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	Wall-mounted
Dimension	96mm x 96mm x 125mm (Aperture size 92mm x 92mm)	160mm x 130mm x 65mm Direct installation, no drilling required
Protection Grade	IP54	IP65
Weight (Net)	approx. 1 kg	