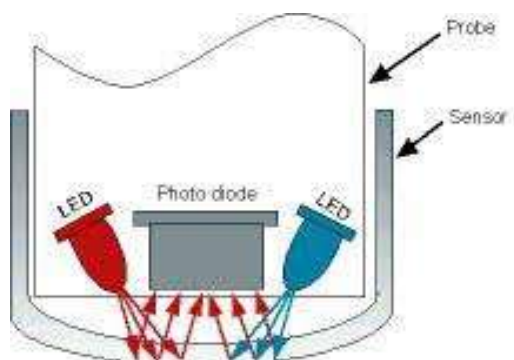


OPTICAL DISSOLVED OXYGEN SENSOR


AIUA2496

AIDS22380

Introduction

The AIDS22380 Series of fluorescent dissolved oxygen sensors use a new generation of fluorescence lifetime technology and high performance fluorescent materials. No oxygen consumption, no flow rate limitation, no electrolyte, no maintenance and calibration, no interference from hydrogen sulfide, excellent stability. Built-in temperature sensor, automatic temperature compensation. RS485 output, can be networked without a controller.

Features

- * Hydrophobic membrane and algae will not adhere to the membrane head
- * Digital sensor, RS485 output, support MODBUS
- * No membrane, no electrolyte, no interference, no need for frequent calibration
- * No oxygen consumption, no flow restriction
- * Built-in temperature sensor, automatic temperature compensation.

SPECIFICATIONS	AIDS22380
POWER	12VDC < 50mA
MEASURING RANGE	0~20mg/l
RESPONSE TIME	4 SEC
ACCURACY	1%
PROTECTION LEVEL	IP68
INSTALLATION	SUBMERSIBLE
TEMPERATURE SENSOR	NTC
TEMPERATURE RANGE	0~50°C
TEMPERATURE ACCURACY	+/-0.2°C
CABLE LENGTH IN METERS	10 OR 15
FLUORESCENT CAP LIFE	1 YEAR
MAX WORKING PRESSURE	3 BAR
HOUSING MATERIAL	S.S.316

SPECIFICATIONS	AIUA2496
POWER	90~265VAC
DISPLAY	LCD
CONTROL OUTPUT	2 NOS RELAY
RELAY RATING	5A, 1 NO
ANALOG OUTPUT	4~20mA
ENCLOUSER	ABS/ ALUMINUM
OPERATING TEMPERATURE	- 10°C ~50°C