

9065 DISSOLVED OXYGEN ANALYZER

The 9065 Luminescent Dissolved Oxygen Analyzer utilizes new luminescent technology for measuring dissolved oxygen in water at sub ppb levels.

Luminescent technology features superior benefits and cost savings compared to traditional dissolved oxygen sensing technologies. The 9065 provides high accuracy with excellent long-term stability. The 9065 Dissolved Oxygen Analyzer can be used in a variety of online analysis applications throughout many different industries.

FEATURES

No sensor maintenance (no membrane, no electrolyte)

Wide measurement range: 0-2000ppb; 0-45ppm

No calibration for up to 2 years

Extremely fast response time

Excellent results independent of sample flow rate

Use in liquid or gas applications

High temperature alarm

Dual Stream sensor configuration available

Simple operation

Rugged and compact design

No sample interferences (Hydrazine, Morpholine, Ammonia, Ethanolamine)



See reverse side for specifications.

9065 DISSOLVED OXYGEN ANALYZER | GENERAL SPECIFICATIONS

PERFORMANCE

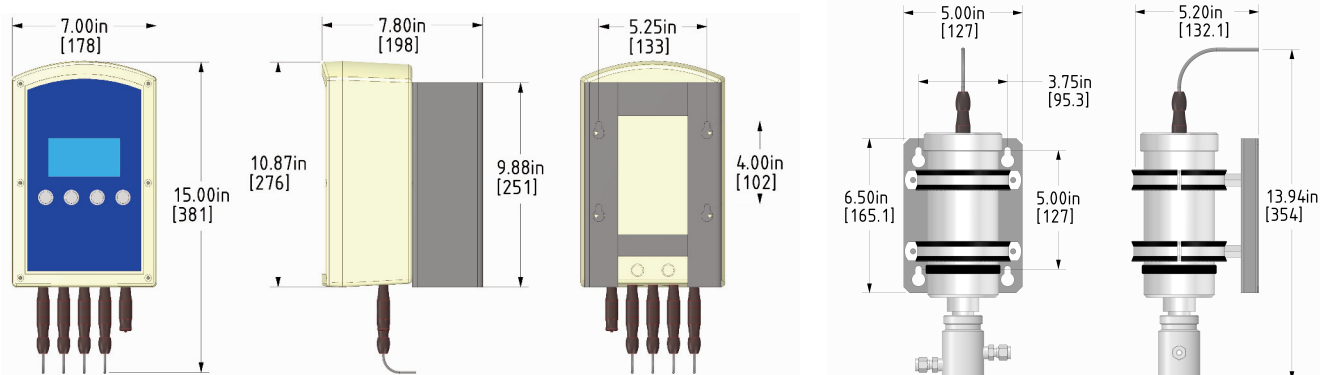
Range	0-2000ppb; 0-45ppm
Accuracy	+/- 0.5ppb at 1ppb / 2% of the measured value
Resolution	0.1 ppb
Units	ppb, ppm, µg/L, mg/L, % O ₂ , % a.s. ppm vol/vol
Sample Rate	One sample every 2 - 999 sec (adjustable)
Current Outputs	Two configurable 4-20mA current (analog) outputs
Digital Output	Communication interface using RS-232
Alarms	General Alarm, Temperature Alarm, Two Concentration Alarms
Power	100 - 240 VAC - 50 - 60 Hz, optional 24V DC, 25W
Options	CE Certification; Profibus; multiple sensor configuration; certificate of calibration

SAMPLE DELIVERY OPERATING CONDITIONS

Sample Temperature	23 - 131°F (-5 - 55°C)
Ambient Temperature	32 - 131°F (0 - 55°C)
Pressure	Maximum of 145 psig (10 bar)
Sample Connection	1/4" (6 mm) Swagelok
Sample Medium	Liquid or gas
Sample Memory	Up to 400 measurements

MECHANICAL

Construction	Transmitter - High strength ABS, IP65 (NEMA 4x) Wet Section - High strength ABS and sheet metal, all wetted parts stainless steel or PVC, IP55 (NEMA 4)
Dimensions	Combined Analyzer: Height=25.75"(65.4 cm), Width=8"(20.3 cm), Depth=6.25"(15.9 cm) Separated Transmitter: Height=10.92"(27.74 cm), Width=7" (17.78 cm), Depth=7.63"(8.99 cm) Separated Wet Section: Height = 10.5" (26.7 cm), Width = 4.5" (11.4 cm), Depth = 3.5" (8.9 cm)
Mounting	Wall mount or panel mount
Wiring	IP 67 Connections
Distance	Up to 49 ft. (15 meters) on request
Finish	Corrosion resistant



102-013-E.2



EXPERTS IN
WATER CHEMISTRY
SINCE 1903

WALTRON GROUP HEADQUARTERS

25 Minneakoning Road, Suite 101
Flemington, NJ 08822 USA
Phone: +1 908 534 5100
Fax: +1 908 534 5546

www.waltron.net

MA Selmon Company
4 Oxford road Milford, CT
06460 Brad@maselmon.com
(203)377-3525