

9165S SEQUENCED LUMINESCENT DISSOLVED OXYGEN

The 9165S Sequenced Luminescent Dissolved Oxygen system utilizes the same reliable luminescent technology for measuring dissolved oxygen in water at ppb levels, paired with our new sequencing system.

Luminescent technology features superior benefits and cost savings compared to traditional dissolved oxygen sensing technologies. The analyzer system provides high accuracy and excellent long-term stability for up to four sample points.

FEATURES

- Four sample analysis
- No sensor maintenance (no membrane, no electrolyte)
- No calibration or service for up to a year
- Measurement range 0-2000 ppb
- Extremely fast response time
- No sample interferences
- Excellent results independent of sample flow rate
- Simple operation
- Rugged design
- Four dedicated 4-20mA outputs



See reverse side for specifications.

9165S SEQUENCED DISSOLVED OXYGEN | GENERAL SPECIFICATIONS

PERFORMANCE

Range	0-2000 pp
Accuracy	+/- 0.6ppb at 1ppb / 2% of the measured value
Sample Rate	Adjustable time on sample, sensor reading every 30 seconds
Units	PPB
Current Outputs	(4)4-20mA current output
Power	100-240 VAC
Calibration	Yearly sensor exchange program
Rinsedown	t90 = 3 min

SAMPLE DELIVERY OPERATING CONDITIONS

Ambient Temperature	32 - 131°F (0 - 55°C)
Sample Medium	Liquid Water
Sample Temperature	23 - 113°F (-5 - 40°C)
Sample Pressure	Maximum of 145 psig (10 bar)
Sample Interferences	None
Sample Connection	1/4" OD SS Tubing (Swagelok)

MECHANICAL

Construction / Finish	Stainless Steel & Plastic / Corrosion Resistant
Materials in Contact w/ Sample	Stainless Steel
Dimensions	Sensor: Height = 33.5" (851 mm), Width = 12" (305 mm), Depth = 7.5" (191 mm)
Mounting	Wall mount
Weight	28.5 lbs (12.9 kg)
Degree of Protection	IP 67 Connections

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