



AAP-ODO200

Dissolved Oxygen Sensor



advanceanalytik.com

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The AAP-ODO200 Dissolved Oxygen Sensor is an advanced solution designed to provide precise and reliable measurements of dissolved oxygen levels in diverse environments. This sensor is equipped with innovative features that ensure accurate readings, easy integration, and minimal maintenance requirements.



Product Features

- Non-Oxygen Consumption:** The sensor operates without producing oxygen, eliminating the need for flow rate and stirring.
- Factory Calibration:** Pre-calibrated from the factory, reducing the need for frequent calibrations.
- Digital Sensor:** Offers high anti-jamming capacity and supports far transmission distances.



AAP-ODO200

Technical Specifications

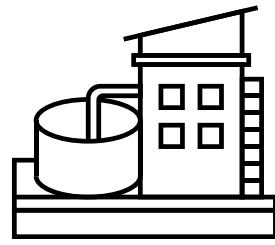
Physical Specifications	
Model	AAP-ODO200
Measurement Specifications - Dissolved Oxygen	
Measurement Range	DO: 0~20 mg/L or 0~200% saturation
	Temperature: 0~45 °C
Accuracy	±2%F.S.
Resolution	0.01 mg/L
Repeatability	±0.3 mg/L
Pressure Range	≤0.3 Mpa
Measurement Specifications - Dissolved Oxygen	
Measurement Range	DO: 0~20 mg/L or 0~200% saturation
	Temperature: 0~45 °C
Resolution	0.01 mg/L
Repeatability	DO: ±3% or ±0.3 mg/L, whichever is greater
	Temperature: ±0.5°C
Calibration	Air automated calibration, sample calibration
Main Material	
Body	SUS316L (fresh water)
	Titanium alloy (Ocean marine)
Cover	PPS+ glass fiber
Cable	PUR
Electrical Specifications	
Power Supply	AC: 85~500VAC (50/60Hz)
	DC: 9~36VDC
Output	3-way 4~20mA
Relay	Three-way relays, programmed response parameter and response value
Performance Specifications	
Measurement Accuracy	DO: ±0.3mg/L
	Temperature: ±0.5°C
Pressure Range	≤0.3 Mpa
Communication	
Communication Protocol	MODBUS RS485



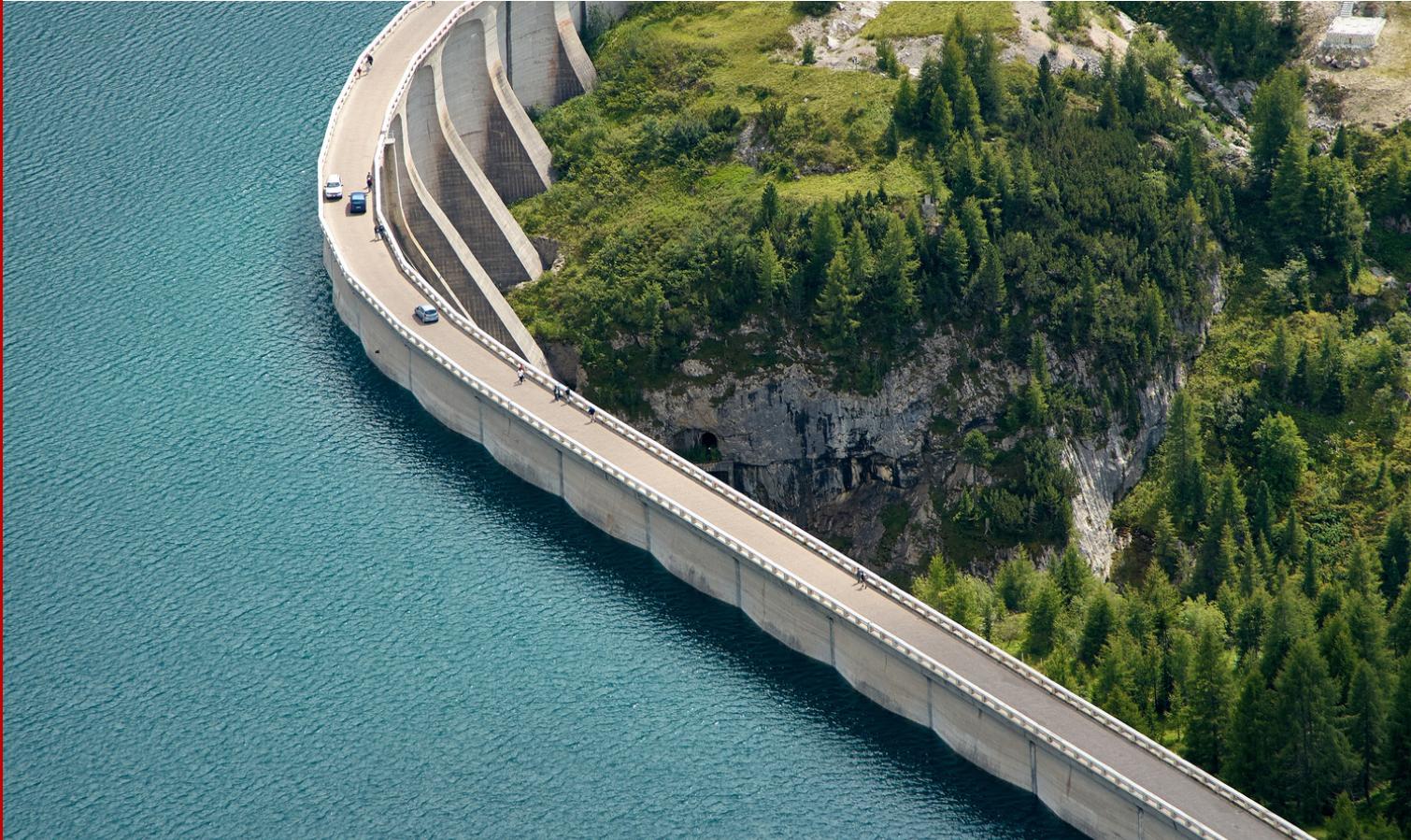
APPLICATIONS



Precise DO monitoring in regulating reservoirs, biochemical pools, and sewage treatment plant effluents.



Online DO monitoring in water treatment plants, surface water, industrial processes, and aquaculture.



Note -

This data sheet serves as general information about the AAPDO-700. For specific technical details, installation guidelines, and troubleshooting assistance, please refer to the official user manual provided with the product.

For inquiries and detailed technical information, please contact info@advanceanalytik.com.

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