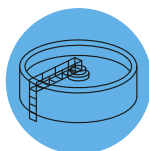




AAP-C1000-700

Multi-Parameter Transmitter



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AAP-C1000-700

Multi-Parameter Transmitter

The AAP-C1000-700 Multi-Parameter Transmitter is an advanced solution for simultaneous monitoring of diverse parameters, catering to a wide range of customer requirements. Designed for applications in water quality monitoring across wastewater treatment plants, waterworks, water stations, surface water, and industrial settings, this versatile transmitter brings unparalleled flexibility and ease of use to the field. With support for up to 7 sensors, various data transmission options, and a user-friendly interface, the AAP-C1000-700 ensures efficient integration, reduced operational costs, and reliable parameter monitoring.



Product Features

1. **Enhanced Sensor Integration:** Connect up to 7 sensors to streamline integration and decrease operating and maintenance expenses.
2. **Sensor Compatibility:** Accommodates both common digital sensor interfaces and analog sensors with configurable options.
3. **Effortless Sensor Management:** Quick and convenient electrode installation and replacement through sensor plugs and simplified operations.
4. **Versatile Data Transmission:** Multiple data transmission methods, including 4~20mA, MODBUS RS485, and wireless transmission, ensure seamless connectivity.
5. **Intuitive Touch Screen:** A 7-inch color touch screen offers easy operation, learning, and reliable system control with minimal maintenance.
6. **Dynamic Parameter Monitoring:** Benefit from data storage and curve display functions for real-time monitoring of parameter dynamics.
7. **Error and Alarm Management:** Receive automatic reminders for errors and alarm information, along with alarm signal uploading for prompt attention.
8. **User Access Control:** Three levels of management authority provide enhanced security and access control.
9. **Flexible Mounting Options:** Choose between wall mounting or panel mounting to suit different installation environments.
10. **Wireless Connectivity:** Optional wireless data transmission module empowers remote monitoring and control.



AAP-C1000-700

Technical Specifications

Electrical Specifications

Power Supply	AC: 85500VAC; DC: 936VDC
Communication Protocol	MODBUS RS485 (standard), 4G: UDP/TCP, NB: UDP (optional)

Physical Specifications

Main Material	PA66+GF25+FR (top cover); Aluminum powder dusting (lower shell)
Protective Rate	IP65/ NEMA4X
Dimensions	260mm200mm123.3mm (L×W×H)
Weight	About 2.0KG

Environmental Specifications

Storage Temperature	-20 to 70°C
Operating Temperature	-15 to 60°C

Supported Parameters and Sensors

Supported Sensors	Up to 7 sensors
Parameter Compatibility	Temperature, pH, ORP, Conductivity, Dissolved Oxygen, Turbidity, Sludge Concentration, Chlorophyll, Blue-green Algae, COD, NO3, Ionic Ammonia Nitrogen, Transparency, Residual Chlorine, and more

Display and Interface

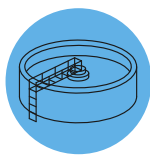
Screen	7-inch color touch screen
User Interface	Intuitive and user-friendly menu

Data Transmission

Transmission Methods	4~20mA, MODBUS RS485, Wireless (optional)
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APPLICATIONS



Water Treatment Plants

The AAP-C1000-700 ensures accurate parameter monitoring, contributing to effective wastewater treatment processes and regulatory compliance.



Waterworks and Water Stations

In water supply systems, the AAP-C1000-700 maintains optimal water quality, enhancing public health and safety.



Surface Water Monitoring

This transmitter supports continuous monitoring of surface water bodies, aiding environmental assessment and protection.



Industrial Process Control

Industries benefit from the AAP-C1000-700 by closely monitoring water quality for production processes and environmental responsibility.



Note -

This data sheet serves as general information about the AAP-C1000-700. 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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