

FICTIONAL DEMO DOCUMENT - SPECIMEN ONLY. NOT A REAL PRODUCT, APPROVAL OR CERTIFICATE.

AN-110

pH / ORP Analyser

Digital pH sensor and transmitter with built-in diagnostics.

KEY FEATURES

- Digital pH sensor with stored calibration
- Predictive sensor-wear diagnostics
- Modbus RTU and 4–20 mA

The AN-110 pairs a digital pH or ORP sensor with a compact transmitter. Calibration data lives in the sensor, so a replacement can be pre-calibrated in the lab and swapped in seconds.

TECHNICAL SPECIFICATION

MEASUREMENT	
Principle	Electrochemical analysis
Measuring range	0 to 14 pH
Accuracy	±0.02 pH
OUTPUT	
Signals	4–20 mA, Modbus RTU
PROCESS	
Connection	Insertion
Process temperature	0 to 80 °C
ENVIRONMENT	
Ingress protection	IP66
APPROVALS	
Approvals (demo)	Hygienic design
MEASUREMENT	
Resolution	0.01 pH
Temperature compensation	Pt1000, automatic
PROCESS	
Max. pressure	6 bar
ELECTRICAL	
Supply	24 V DC or 100–240 V AC

Specifications are illustrative demo values created for the INSTRAVA template. Replace with your own product data.