

ADAPTIVE INDUSTRIAL SOLUTIONS

Information Needed for an Analytical Quote
pH / ORP • Conductivity • Oxygen

To help us select the correct instrument and provide an accurate quote, please send as much of the information below as possible. If you do not know an answer, simply mark it **Unknown**.

General Information	What We Need
■ Application / process	What are you measuring? Where in the process is the measurement being made?
■ Sample	Liquid or gas? What is the sample or process media?
■ Measurement range	Expected normal reading and minimum / maximum range, if known.
■ Process temperature	Normal and maximum temperature.
■ Process pressure	Normal and maximum pressure.
■ Installation	In-line, tank, basin, sample line, flow cell, insertion, submersible, or other.
■ Process connection	Pipe size and connection type, if known.
■ Materials / contaminants	Chemicals, H ₂ S, solids, oils, coatings, abrasive material, or anything else that may contact the sensor.
■ Existing equipment	Manufacturer and model of the analyzer, transmitter, sensor, or system being replaced, if applicable.
■ Quantity	Number of measurement points / instruments required.

pH / ORP

- Which measurement is required: pH, ORP, or both?
- Expected pH or ORP range.
- Is the sensor going into a tank/basin, pipe, or sample line?
- Is sensor removal while the process is running required?
- Any known coating, plugging, sulfides, heavy metals, high solids, or aggressive chemicals?

Conductivity

- Expected conductivity range and units, if known (for example $\mu\text{S}/\text{cm}$ or mS/cm).
- Process media and concentration, if known.
- Temperature range.
- Installation style and process connection.
- Any coating, fouling, solids, or aggressive chemicals present?

Oxygen

- Gas-phase oxygen or dissolved oxygen?
- Expected oxygen range and units (% , ppm, or ppb).
- Sample gas/liquid composition, including H₂S, CO₂, hydrocarbons, moisture, or other contaminants.
- Process/sample pressure and temperature.
- Is a complete sample system required, or only the analyzer/sensor?
- Area classification / hazardous-area requirements, if applicable.

Helpful: Photos of the existing installation, equipment nameplates, previous model numbers, datasheets, P&IDs, and process connection details can greatly speed up selection and quoting.

Send quote information to:

Adaptive Industrial Solutions

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We may request additional application details after review to ensure the correct sensor, materials, accessories, and configuration are selected.