

Dolphin Series Sensors

pH and ORP Sensors



Description

Dolphin™ Series Models PH10 and ORP10 sensors introduce a family of high-performance pH and ORP sensors engineered for the toughest in-line applications.

Users report double the service life of competitive sensors in high-temperature and temperature cycling environments up to 121°C (250°F). In those challenging applications, accurate, stable Dolphin sensors deliver proven response times up to twice as fast as conventional probes. They also contribute to cost savings in maintenance and equipment by significantly reducing cleaning, calibrating, and replacement requirements.

Dolphin sensors utilize a unique, glass formulation for high-temperature service. Their breakthrough performance comes in a robust, easy-to-use package. The innovative reference electrode is stabilized and protected from process contamination and clogging through a double junction design and an ion barrier.

Versions are available for either pH or ORP measurement. These disposable sensors are housed in chemical-resistant PVDF bodies, and are available with a choice of measuring electrodes to meet various application criteria.

Features/Benefits

- Fast, accurate family of disposable electrochemical pH and ORP sensors
- Twice the service life of conventional sensors in demanding, high-temperature applications
- Up to twice the response speed
- Savings and ease of use in installation, maintenance, replacement
- Available with domed or flat-glass pH electrodes
- Specified with or without integral preamplifier
- Available with several types of integral temperature compensators
- Optional Variopin connector for removal without cable replacement
- Full complement of sensor diagnostics when used with Foxboro 870IT transmitter or 875 analyzer