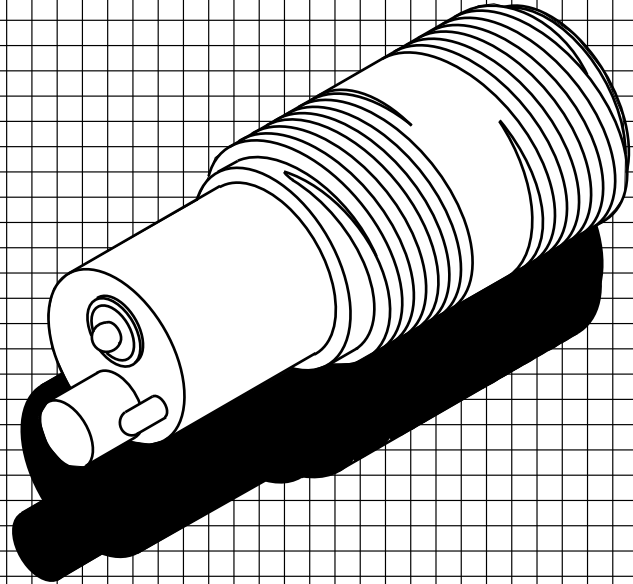




SENSOR DEVELOPMENT, INC.
SANTA ANA, CALIF (714) 836-7090

Model PHS25 pH / ORP SENSOR

- **One sensor serves all installations - insertion, submersion, and flow through.**
- **Teflon body is highly resistant to coating and chemical attack.**
- **Built for process service but priced for general purpose use.**



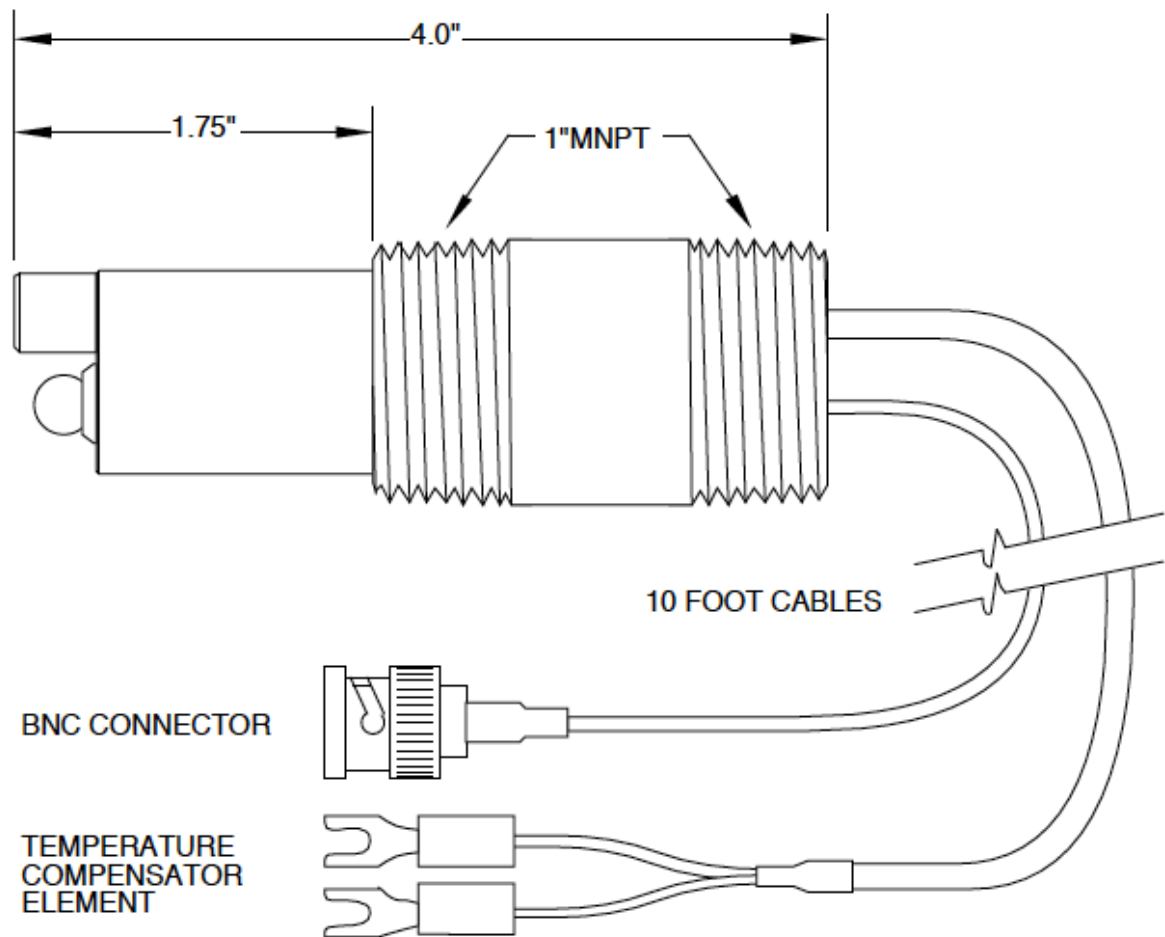
This sensor was designed to give reliable service in the toughest of process environments, yet is priced competitively with those limited to use in less severe applications, such as wastewater monitoring, cooling tower control, and potable water treatment.

Application Notes

Wetted materials of construction are Teflon and Kynar, with EPR seals. The teflon body provides outstanding chemical resistance, and the no-stick surface greatly reduces or eliminates coating problems. It can hold many different kinds of electrodes, tailored to specific needs, and can be used in any of the three common mounting arrangements.

Using an SDI interfacing pH amplifier allows the sensor to be used with almost any model of pH or ORP meter.

These features make the PHS25 an ideal choice to standardize on for a facility, eliminating the need to stock many different kinds of electrodes and spare parts.



SPECIFICATIONS

MAX. PRESSURE/TEMP. RATINGS:

100 PSIG at 105°C

CONNECTIONS:

Process - 1" NPT

Electrical - Two 10' cables, spade lug terminations for TC, BNC connector for combination measuring electrode.

WETTED MATERIALS:

Body - Teflon and Kynar
Electrode - Glass or epoxy and Teflon
O-rings - EPR

TEMPERATURE COMPENSATION:

Standard element is 3KΩ @ 25°C BALCO, for use with SDI, Uniloc, TBI, Sensor Technology, Signet, ECD and others. Specify make and model of instrument for correct TC element.



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