



ProTrode 400 sensor

Electrode for inline pH measurements
for the chemical industry

HIGHLIGHTS

- Reliable: accurate results over the entire lifetime of the sensor
- Flexible: ideal for measurements in vessels, reactors, or pipes
- Robust: designed for a wide range of process conditions
- Maintenance-free: the ProTrode sensors are always ready to use

Optimize your process by monitoring pH in «real-time»

The ProTrode 400 is designed for harsh, high-solid environments. It is perfect for wastewater, food processing, and other demanding industrial applications. It features an open junction diaphragm that minimizes the risk of clogging, ensuring reliable performance even in media with high particle content, such as slurries.

This combined pH sensor includes an integrated temperature sensor (Pt1000) for accurate inline pH measurements. With a pH range of 0–14, the ProTrode 400 is a non-pressurized electrode that guarantees consistent and dependable results in demanding environments.

TECHNICAL SPECIFICATIONS

Measuring range	0-14 pH
Max. operating pressure	10 bar
Operating temperature	0-130 °C
Diaphragm	Open junction
pH membrane	H glass
Sensor connector	VarioPin, PG13.5
Output signal	Analog

ORDERING INFORMATION

Type	a-length	Part number
ProTrode 400	120 mm	6.09331.510
ProTrode 400	225 mm	6.09331.520



ProTrode 400 sensor for industrial environments