

# Sensors for pH Measurement

Water



## SE 531 pH Sensor

**The standard pH sensor for water/wastewater; robust and low-maintenance**

Robust and insensitive to contamination; plastic body. Open junction between reference system and measured medium. Low-cost, low-maintenance, and reliable pH measurement.

### Applications

Drinking water, surface water, industrial water, wastewater, inlets and outlets, aeration and final sedimentation

### Facts

- low maintenance, no refilling or pressurizing of electrolyte
- integrated temperature detector
- open junction, direct connection to measured medium
- no blocking in polluted media
- robust due to plastic body
- VP screw cap

### Product Line

SE 531 pH Sensor 120 mm

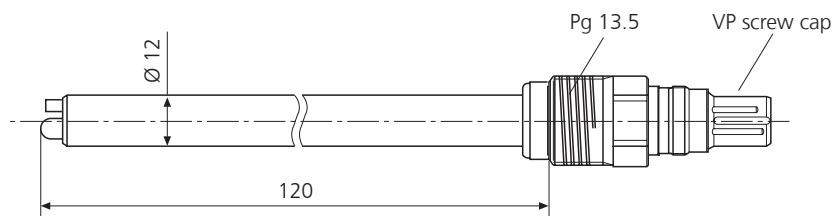
Order No.

**SE 531**

### Specifications

pH: 2 ... 12  
 Temperature: 0 ... 60 °C  
 Pressure: 2 bar (60 °C)  
 Temperature detector: Pt 1000  
 Reference system: Ag/AgCl solid polymer, incl. KCl  
 Junction: open hole junction (2 x)  
 Body material: PSU (polysulfone)  
 Immersion depth: 120 mm  
 Process adaptation: Pg 13.5  
 Sensor cap: VP (VarioPin)

### Dimension Drawing



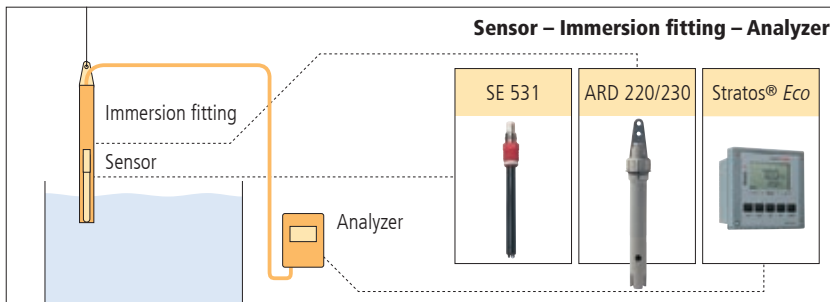
**Ti** Techingenium

Distribuidores autorizados para Uruguay  
 Venta - Ingeniería - Instalación - Mantenimiento  
 Francisco Soca 1531  
 Teléfono: +598 2 707 48 01  
 Montevideo Uruguay  
 Mail: info@techingenium.com.uy  
 www.techingenium.com.uy

For up-to-date information, please visit [www.knick.de](http://www.knick.de)

**Knick** >

**Typical Configurations**



**ARD 220**

Immersion fittings for simultaneous measurements with up to 3 sensors

**ARD 230**

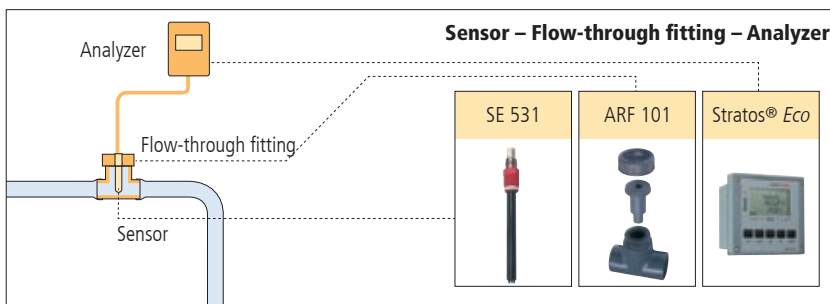
Immersion fittings with small diameters for 12-mm sensors

**ARF 101**

Flow-through fitting made of PVC

**Stratos® Eco**

Basic analyzer for pH, conductivity, and oxygen



**Accessories**

(Details from page 76)

Order No.

VP6-ST cable	3 m	<b>ZU 0313</b>	
	5 m	<b>ZU 0314</b>	
	10 m	<b>ZU 0315</b>	
	20 m	<b>ZU 0584</b>	
pH buffer solution 4.01	1000 ml	<b>ZU 0200</b>	
	pH buffer solution 7.00	1000 ml	<b>ZU 0201</b>
	pH buffer solution 9.21	1000 ml	<b>ZU 0202</b>

**Ti** **Techingenium**

Distribuidores autorizados para Uruguay  
 Venta - Ingeniería - Instalación - Mantenimiento  
 Francisco Soca 1531  
 Teléfono: +598 2 707 48 01  
 Montevideo Uruguay  
 Mail: [info@techingenium.com.uy](mailto:info@techingenium.com.uy)  
[www.techingenium.com.uy](http://www.techingenium.com.uy)