

# BlueLine Gel Filled pH Electrodes

Robust gel filled pH electrodes for basic pH measurements.



## Description

Gel filled pH electrodes are a very important part of your pH measurement system as they come in direct contact with your sample and deliver the measurement signal. For more than 70 years SI Analytics has focused on creating the best gel filled pH electrodes along with several other types of pH electrodes. SI Analytics' electrodes have been used for the most demanding tasks in labs throughout the world where quality really matters, and our customers benefit from their know-how.

The compact BlueLine gel filled pH electrode range is a basic series comprising electrodes for typical laboratory applications. An accurate and fast pH measurement is ensured by precision manufacturing and employment of high quality material, e.g. low-resistance A-type membrane glass or the unique platinum diaphragm. The electrodes are available with different connections (e.g. plug head or fixed cable with either DIN or BNC type plug) and with different cable lengths and optionally with built-in temperature sensors (NTC 30 k $\Omega$  or Pt 1000). With a comfortable handling, stylish design, and reliable function the gel filled pH electrodes are great for your laboratory measurements. Each pH electrode comes with its own individual serial number for easy tracking.

- Comfortable handling, stylish design, and reliable function
- Gel filled with plastic body
- Basic series for general applications

## Specifications

*pH Range:* 0 to 14  
*Temperature Range:* 23 to +176°F (-5 to +80°C)  
*Shaft:* Noryl, 12 mm  $\varnothing$   
*Shaft Length (not including plug head):* 4.7 in (120 mm)  
*Zero Point:* pH = 7.0  $\pm$ 0.3  
*Diaphragm:* Fibre  
*Reference System:* Ag/AgCl  
*Reference Electrolyte:* Gel(KCl), low maintenance, not refillable  
*Shape of Glass Membrane:* Cylindrical  
*Resistance of Glass Membrane (77°F (25°C)):* 400 M $\Omega$   
*Type of Membrane Glass:* A

## Options and Accessories

**BlueLine 25 pH Gel Filled pH Electrode (PN# 285129258)**  
 3.28 ft (1 m) fixed cable with BNC plug, no temperature sensor integrated.

**BlueLine 26 pH Gel Filled pH Electrode (PN# 285129266)**  
 3.28 ft (1 m) fixed cable with BNC plug and 4 mm banana plug, integrated temperature sensor NTC 30k $\Omega$ .

**BlueLine 29 pH Gel Filled pH Electrode (PN# 1065895)**  
 3.28 ft (1 m) fixed cable with BNC plug and 4 mm banana plug, integrated temperature sensor Pt 1000.

**BlueLine 23 pH Gel Filled pH Electrode (PN# 285129233)**  
 3.28 ft (1 m) fixed cable with DIN plug 19 262, no temperature sensor integrated.

**BlueLine 24 pH Gel Filled pH Electrode (PN# 285129241)**  
 3.28 ft (1 m) fixed cable with DIN plug 19 262 and 4 mm banana plug, integrated temperature sensor NTC 30k $\Omega$ .

**BlueLine 28 pH Gel Filled pH Electrode (PN# 285129282)**  
 3.28 ft (1 m) fixed cable with DIN plug 19 262 and 4 mm banana plug, integrated temperature sensor Pt 1000.

See [www.globalw.com](http://www.globalw.com) for more electrodes.

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