

12mm pH and ORP Electrodes

SE14 Series combination laboratory electrodes featuring epoxy body and screw on glass protector

- Rugged epoxy body
- Screw on protector cap protects glass bulb and may be removed for cleaning
- Reference junction uses *POLARIS* technology.
- Standard 12mm body is ideal for laboratory or installation into process using 12mm adapter
- 1, 5 or 10 metre low noise RG174/U cable supplied standard with BNC connector

Specifications

pH range: 0 to 14 pH

Temp range:
0 to 60°C

Cable length:
1, 5 or 10 metres Connector:
BNC

Reference cell:
4M KCl / sat. AgCl

Wetted materials:
Epoxy & glass (and
platinum (ORP))

Order codes:

pH electrodes:

With 1 metre cable
P-PHSE141MBN
With 5 meter cable
P-PHSE145MBN
With 10 metre cable
P-PHSE1410MBN

ORP electrodes:

With 1 metre cable
P-ORSE141MBN
With 5 metre cable
P-ORSE145MBN
With 10 metre cable
P-ORSE1410MBN

Other cable lengths and connectors available to order.

Accessories:

pH Calibration Solutions

4.00 buffer 200mls:
PHBUF-4-00-0.2L
4.00 buffer 500ml

SE14 bulb membrane electrode shown full size



This SE14 series pH and ORP (redox) electrodes are built to a high quality standard and are surprisingly economical. The rugged epoxy body electrode is ideal for general laboratory and industrial applications. The electrode features a screw on protector cap, which protects the electrode tip from damage and allows the electrode tip to be exposed for cleaning. The SE14 features the *POLARIS* technology to enhance the efficiency and longevity of the electrode. The standard 12mm diameter electrode body is universally used in laboratories.

A selection of glass bodied and industrial threaded electrodes are available to suit a wide variety of pH and ORP measurement applications.

What is *POLARIS*?

POLARIS is a high porosity polymer material which, when used as a pH electrode reference junction, provides a superior amount of surface area that will not plug or clog quickly from process particulates.

The high porosity of the *POLARIS* junction allows ion diffusion to be very constant in processes containing high particle concentrations. The honeycomb configuration of this material combined with the tortuous path throughout *POLARIS* allows for normal migration of ions but not process contaminants.

Processes with hydrocarbons or organics become less challenging and these electrodes last longer, requiring less maintenance and fewer replacement costs.