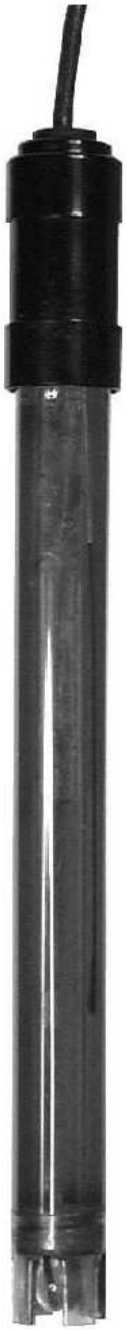
12mm pH and ORP Electrodes

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



SE14 bulb membrane electrode shown full size

Specifications

pH range: 0 to 14 pH
Temp range: 0 to 60℃
Cable length: 1, 5 or 10 metres
Connector: BNC
Reference cell: 4M KCl / sat.AgCl
Wetted material: Epoxy & glass (and platinum (ORP))
Pressure: Not suitable for pressurised applications

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.

Order codes:

pH electrodes:
With 1 metre cable: P-PHSE141MBN
With 5 metre cable: P-PHSE145MBN
With 10 metre cable: P-PHSE1410MBN

ORP electrodes:
With 6 metre cable: P-ORSE146MBN

Accessories:

Optional BNC to bootlace connection adapter

Part No: P-BNC/BP-100

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 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 contaminates.

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

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