

Combination pH Sensor for Harsh Application



Features & Benefits

Potence Controls PCV Series pH Sensors are specially designed for Harsh and Special Applications. These sensors with a new unique multipurpose glass; allows pH sensors to provide fast response, great accuracy and repeatability.

A concentric measuring and reference electrode with large reference area minimizes reference clogging problems.

Annular ceramic reference junction permits use where high solution currents prevail and is unaffected by streaming potentials.

Double Junction Polymerized Gel filled reference requires NO pressurization allows to use in samples having Organic compounds, Proteins, Heavy metal or other compounds that reacts with silver.

The sensor is suitable for Harsh applications such as Pharma Industry/Bulk Drugs wherein the process many a times involves SOLVENTS and several Chemical Industries etc.

Specifications

Body	: Ryton®
Measuring pH Range	: 0 to 14
Accuracy	: ±0.03 pH
Temp. Element	: PT100 / PT1000
Temp. Limit	: 0 - 100°C
Pressure Limit	: 100 psig
Solution Ground	: Platinum Disc
Insertion Length	: 45mm (1.75") from Threads
Mounting	: 3/4 th NPTM

Connects with most of pH Analyzers / Controllers / Transmitters

Order Information

Model	Description
PCVR100_SP	GX Glass pH Sensor; Ryton Body; PT100; 3/4 th NPTM; Std. 15 feet Cable
PCVR1K_SP	GX Glass pH Sensor; Ryton Body; PT1000; 3/4 th NPTM; Std 15 feet Cable

PCPL reserves the right to alter specifications at any time. Image shown is for indication purpose only.

Also Consider Our pH and Conductivity Sensors



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