

SENSOREX

Data Sheet SG224CD pH Sensor

The maintenance free pH sensor is designed for processes in the chemical industry with high pH values and for applications in the waste water treatment: The "H" type membrane glass provides a low alkaline error and stable measurement even at high temperatures. 2 high-performance ceramic diaphragms reduce the effect of flow potential during pipe mounting.

Application Fields:

Chemical industry, oxides, water, waste water

Specifications:

Serial Number:	Yes
Certificate:	No
Measuring Method:	Combination electrode, potential measured against reference electrode
Range:	pH 0 ... 14
Zero-Point:	0 ± 20 mV
Sensitivity:	57 ... 59 mV / pH at 25°C
Temperature Range:	0 ... 100°C
Pressure Range:	0 ... 10 bar at 25°C, 0 ... 6 bar at 100°C
Electrolyte:	Gel electrolyte
Reference System:	EVEREF
Liquid Earth:	No
Shaft Material:	Glass
Membrane glass:	H glass
Sample: min Conductivity:	50 µS/cm
Diaphragm:	HP-ceramic
Steam sterilizable:	No
Autoclavable:	No
CIP:	No
Number of diaphragm:	2
Electrical Connector:	Type PG13.5 S8 – standard pH connector head, suitable for most brand name quality pH cables
Temperature Sensor:	No

Ordering Information:

Part Number	Description	a-length (a)
SG224CD	pH Sensor	120 mm
SG225CD	pH Sensor	225 mm

Dimensional drawing:

