



Data Sheet

POLYMER PLUS VP

The maintenance free POLYMER PLUS VP sensors are designed to withstand demanding applications in chemical and petrochemical industries. The reference cartridge ensures a long lifetime. Because of its two OPEN PORE diaphragms you will have never again liquid junction problems and total break downs. The POLYMER PLUS VP sensors show good measurement accuracy in highly alkaline solutions as well as in samples with low conductivity.

Application Fields:

Chemical, pharmaceutical and petrochemical industries

Specifications:

Serial Number:	Yes
Certificate:	Yes, with measured values in buffer pH 4.01 and pH 7.00
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 ... 130°C
Pressure Range:	0 ... 6 bar
Electrolyte:	POLYMER PLUS
Reference System:	INCAPSULATED
Shaft Material:	Glass
Membrane glass:	Type H glass
Sample: min Conductivity:	2 µS/cm
Diaphragm:	Single Pore
Number of diaphragm:	2
Steam sterilizable:	Yes
Autoclavable:	Yes
CIP:	No
Electrical Connector:	VP 6.0 multipin connector with PG 13.5
Temperature Sensor:	Yes, Pt 1000



Ordering Information:

Part Number	Description	a-length (a)
32201351	POLYMER PLUS VP 120	120 mm
32201361	POLYMER PLUS VP 225	225 mm

Dimensional drawing:

