


Data Sheet POLILYTE HTVP

The maintenance free POLILYTE HTVP sensors are designed for applications in chemical industries. It shows good measurement accuracy in alkaline processes as well as in samples with low conductivity. The EVEREF-L reference cartridge ensures a long lifetime. The two SINGLE PORE diaphragms guarantee best results because of direct contact between the sample and the POLISOLVE electrolyte. They may also be mounted up side down in the bottom of a tank.

Application Fields:

Chemical, pharmaceutical and sugar 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:	POLISOLVE
Reference System:	HAMILTON EVEREF-L
Liquid Earth:	No
Shaft Material:	Glass
Membrane glass:	HAMILTON 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 100
ATEX approval:	Yes, CE 0035  II 1/2 G EEx ia IIC T4/T5/T6
Recommended Storage:	HAMILTON Storage Solution (p/n 238931) or 3M KCl (p/n 238036 or 238936)



Ordering Information:

Part Number	Description	a-length (a)
238428	Polilyte HTVP 120	120 mm
238429	Polilyte HTVP 225	225 mm
238449	Polilyte HTVP 425	425 mm

Dimensional drawing:

