


## Data Sheet POLILYTE HT

The maintenance free POLILYTE HT 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.

### 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:	Type S8 – standard pH connector head, suitable for most brand name quality pH cables
Temperature Sensor:	No
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)
238431	Polilyte HT 120	120 mm
238432	Polilyte HT 225	225 mm
238467	Polilyte HT 425	425 mm

### Dimensional drawing:

