


## Data Sheet POLILYTE PRO

The maintenance free POLILYTE PRO sensors are designed for pH measurement in water applications and low conductivity samples, e.g. waste water, fish farming, ground water, etc. The SINGLE PORE diaphragm guarantees best measurement results because of direct contact between the sample and the POLISOLVE electrolyte, which makes clogging nearly impossible.

### Application Fields:

Water, waste water, fish farming, swimming pools, ground water

### 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:	-10 ... 60°C
Pressure Range:	0 ... 6 bar
Electrolyte:	POLISOLVE
Reference System:	HAMILTON EVEREF-B
Liquid Earth:	No
Shaft Material:	Glass
Membrane glass:	HAMILTON type V glass
Sample: min Conductivity:	2 µS/cm
Diaphragm:	SINGLE PORE
Number of diaphragm:	1
Steam sterilizable:	No
Autoclavable:	No
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)
238411	Polilyte Pro 120	120 mm

### Dimensional drawing:

