


Data Sheet pHeasy

The aim of the pHeasy electrode design is to require as little maintenance as possible: The POLISOLVE electrolyte is maintenance free, and the SINGLE PORES are resistant to clogging. It contains a 2nd reference electrode (CheckRef) that serves to monitor the state of the reference electrolyte. The CheckRef helps to detect reference problems and indicates when to exchange the sensor.

Application Fields:

Chemical industry, waste water, ion weak media

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 ... 60°C
Pressure Range:	0 ... 6 bar
Electrolyte:	POLISOLVE
Reference System:	HAMILTON EVEREF-L CheckRef for constant reference monitoring
Liquid Earth:	No
Shaft Material:	Glass
Membrane glass:	HAMILTON type H glass
Sample: min Conductivity:	2 µS/cm
Diaphragm:	SINGLE PORE
Number of diaphragms:	2
Steam sterilizable:	No
Autoclavable:	No
CIP:	No
Electrical Connector:	VP 6.0 multipin connector with PG 13.5
Temperature Sensor:	Yes, Pt 1000
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)
238890	pHeasy 120	120 mm

Dimensional drawing:

