


## Data Sheet LIQ-GLASS PG

The maintenance free LIQ-GLASS PG sensor is designed for applications in ion weak media. The “F” membrane glass has a low resistance, so the sensor can be used in samples with low conductivity. 3 ceramic diaphragms reduce the effect of sample flow to the measurement result. Also, a special electrolyte ensures more easily reproducible measurement results compared to traditional sensors.

### Application Fields:

Applications in ion weak media and low conductivity

### Specifications:

Serial Number:	Yes
Certificate:	No
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:	-5 ... 60°C
Pressure Range:	0 ... 2 bar
Electrolyte:	Liquid electrolyte
Reference System:	HAMILTON EVEREF
Liquid Earth:	No
Shaft Material:	Glass
Membrane glass:	HAMILTON type F glass
Sample: min Conductivity:	2 µS/cm
Diaphragm:	CERAMIC
Number of diaphragm:	3
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)
238515	LIQ-GLASS PG 120	120 mm

### Dimensional drawing:

