



Data Sheet PLASTIC PRO

The maintenance free PLASTIC PRO sensor is designed for pH measurements in water applications, e.g. waste water treatment or swimming pools. Its shaft is made of plastic and the glass membrane is protected by plastic pins. Furthermore, the OPEN PORE diaphragm barely needs cleaning and the POLYMER electrolyte remains stable over a long period of time. It is a robust sensor that does not need maintenance.

Application Fields:

Water, e.g. waste water treatment, swimming pools, fish farming

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 ... 40°C, briefly 60°C
Pressure Range:	0 ... 6 bar
Electrolyte:	POLYMER
Reference System:	Ag/AgCl INCAPSULATED
Shaft Material:	Plastic
Membrane glass:	Type S glass
Sample: min Conductivity:	50 μ S/cm
Diaphragm:	OPEN 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



Ordering Information:

Part Number	Description	a-length (a)
32201101	PLASTIC PRO	120 mm

Dimensional drawing:

