



## Data Sheet

### POLYMER HT PRO

The maintenance free POLYMER HT PRO 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 reference cartridge ensures a long lifetime. The two OPEN PORE diaphragms guarantee best results because of direct contact between the sample and the POLYMER 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:	POLYMER
Reference System:	INCAPSULATED
Shaft Material:	Glass
Membrane glass:	Type H glass
Sample: min Conductivity:	2 µS/cm
Diaphragm:	Open 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



#### Ordering Information:

Part Number	Description	a-length (a)
32201011	POLYMER HT PRO	120 mm
32201051	POLYMER HT PRO 225	225 mm

#### Dimensional drawing:

