



## Data Sheet GEL HT PRO

The maintenance free GEL HT PRO sensor is designed for processes in the chemical industry with high pH values and for applications in the waste water treatment: The "H" type membrane glass provides a low alkaline error and stable measurement even at high temperatures. 3 high-performance ceramic diaphragms reduce the effect of flow potential during pipe mounting.

### Application Fields:

Chemical industry, oxides, water, waste water

### 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:	0 ... 130°C
Pressure Range:	0 ... 16 bar at 25°C, 0 ... 6 bar at 130°C
Electrolyte:	Gel electrolyte
Reference System:	COATED REFERENCE
Shaft Material:	Glass
Membrane glass:	Type H glass
Sample: min Conductivity:	50 µS/cm
Diaphragm:	Ceramic
Steam sterilizable:	No
Autoclavable:	No
CIP:	No
Number of diaphragm:	3
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)
32201001	GEL HT PRO 120	120 mm
32201041	GEL HT PRO 225	225 mm

### Dimensional drawing:

