



# APPLICATION FORM pH-Measurement

**Customer** \_\_\_\_\_

**City** \_\_\_\_\_ **Country** \_\_\_\_\_

**Contact** \_\_\_\_\_

**Tel** \_\_\_\_\_ **Fax** \_\_\_\_\_

**E-mail** \_\_\_\_\_

**Date** \_\_\_\_\_

P&P     WWTP     Other \_\_\_\_\_

Connection Point     Pipe     Open system/Channel  
Pressure \_\_\_\_\_ bar    Flow \_\_\_\_\_ m<sup>3</sup>/h (gpm)

Process Position  
 Influent     Effluent     Other \_\_\_\_\_  
 Surface Water     Containing Fibres     Ground Water (ion weak)  
 Drinking Water     Process Water     Other \_\_\_\_\_

Purpose of Measuring     Monitoring     Control     Alarm  
Description \_\_\_\_\_

Measuring Range in pH    Min \_\_\_\_\_ Max \_\_\_\_\_ Average \_\_\_\_\_  
Temperature    Min \_\_\_\_\_ °C    Max \_\_\_\_\_ °C    Average \_\_\_\_\_ °C

Remarks: Grease, Chemicals, Corrosive, etc.

Are there pumps, agitators or similar near the measuring point     Yes     No

Mounting

Remarks \_\_\_\_\_

Signature \_\_\_\_\_

## Comments to the Application form for pHP- $\mu$ P

- When measuring in pipe systems, a by-pass outlet to a measuring box has to be made. Electrode and mounting kit is placed in this measuring box.
  - Influent Cerlic standard electrode
  - Effluent WWTP Cerlic standard electrode
  - Ground water Special electrode for clean water
  - Surface water Cerlic standard electrode
  - Drinking water Cerlic standard electrode
  - Process water Depending on the position and eventual reference system, electrode type may vary.
  - Possible isolation amplifier, etc.
  - Measuring range in pH will be of use when measuring in process water or other application. When measuring in a fluid with high alkalinity, an electrode with special glass in the bulb is recommended.
  - Correct temperature compensation is essential. In special cases when sterilising is performed with steam, a special electrode is required.
  - Pumps, agitators, etc. may cause potential differences and/or electrical noise. Be observant regarding this.
  - When mounting, positioning of the cables is important. No prolonging of the coaxial cable is allowed. Immersion probe is standard. Flow-through probe may be supplied on special request.
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