

**pH:** the value of pH reflect the activity of hydrogen ion and acid-base properties. Analysis meter use solid state reference polymer shell digital electrode to test pH, solid state reference and measurement glass electrode compounded in a shell of a macromolecule. When hydrogen ion appear, the glass electrode which compounded with special material engenders electric potential. In the inner of glass electrode, there is solid state reference electrode of pH and constant concentration. Reference electrode output stable compensatory voltage. Solid state reference electrode can be fouling resistant, temperature changes and the effect of pressure. It extends life length much more. With automatic cleaning function.



## Digital pH Electrode

Article-No. 486 6200

### Properties

- pH- single-rod measuring cell
- ceramics diaphragm
- reference system Ag/AgCl
- protection class IP67

### Applications

- process control  
(e.g. food and chemical Industry)
- water monitoring
- wastewater control

### Technische Daten

Range	pH 0 - pH 14
Accuracy	< 1% FS
Resolution	0.05% FS
Diaphragm	ceramic
Temperature range	-5°C to 80°C
Reference filling solution	Gel
Max pressure	6 bar
Mounting length	350~480 mm
Min conductivity of solution	50 µS
Mounting position	10° to 170°(Option)
Supply voltage	DC24V(18~36V) 40mA
Communication module	Isolate RS485
Communication protocol	ModBus RTU
Operating software	Soft'DigSensor 2.1