

pH and temperature sensor

pH sensor with temperature sensor

Article-No.

461 5000 (flow through)

461 5100 (dip version; without picture)



Properties and performance

- pH-sensor working with ISFET (Ion selective field effect transistor)-principle
- robust ceramics diaphragm
- calibration 1 times a week to 1 times a month (depending on application)
- regeneration of electrods after 12 to 18 operation time (depending on application)
- protection class IP67

Applications (exemplary)

- process control (z.B. food and chemical Industry)
- water monitoring
- wastewater control

Technical data

measured variable	PH	Temperatur
principle	ISFET	NTC
measuring range	pH 1 ... 14	-2°C ... +90°C
accuracy	pH 0.1	0.9°C
resolution	pH 0.1	0.1 °C
interval	1 s	1 s
range of temperature		0°C...+110°C
weight		0.23 kg
connection	¾" NPT screw thread; 11-Pin Vario Pin	
dimensions	see technical drawing on the back side	

dimensions

