

# Endress+Hauser pH sensor CPS97E-BA8BHH2

ISFET pH sensor for polluted media in chemical processes, paper or pigment production.



Picture for reference only. Product appearance may vary based on configuration

The Memosens CPS97E is the unbreakable expert for media with a high content of fibers or suspended solids, e.g. dispersions, precipitations. It measures reliably where other sensors would be soiled fast. The unbreakable PEEK shaft and the open aperture guarantee reliable measurement under harsh process conditions. The sensor resists moisture and enables lab calibration, enhancing process integrity and increasing process uptime.

- Reliable measurement under harsh process conditions
- Can be used in applications with quick pH changes and varying temperatures or pressures
- Integrated Pt1000 temperature sensor for effective temperature compensation
- Long calibration intervals and low maintenance thanks to ISFET technology
- Memosens connection offers maximum process safety: non-contact, inductive signal transmission

## Configuration of CPS97E-BA8BHH2:

Approval:	BA	ATEX II 1G Ex ia IIC T4/T6 Ga
Electrode Type:	8	Basic version, operating point=0 mV, temperature sensor Pt1000
Application Range:	B	0-14 pH, -15...110oC, 0,8...11 bar (abs)
Reference System:	HH	Open junction, 3 M KCl, Ag/AgCl
Shaft Length:	2	120mm

Alternative part number: CPS97E-1061/0