

# Endress+Hauser pH sensor CPS77E-BA6BBU2

## Digital ISFET sensor for hygienic applications.



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

The Memosens CPS77E ISFET sensor is the expert for hygienic applications. Its bacteria-proof reference with highly stable gel guarantees reliable measurements. The unbreakable sensor is sterilizable with hot steam, autoclavable and assures highest product safety. CPS77E features Memosens 2.0 digital technology, offering extended storage of calibration and process data for predictive maintenance. The sensor resists moisture and enables lab calibration, enhancing process integrity and increasing process uptime.

- Break-resistant and sterilizable
- Longer calibration intervals than with pH glass electrodes
- Memosens technology offers maximum process safety with non-contact, inductive signal transmission

### Configuration of CPS77E-BA6BBU2:

Approval:	BA	ATEX II 1G Ex ia IIC T3/T4/T6 Ga
Electrode Type:	6	Hygienic version, operating point=0 mV, temperature sensor Pt1000
Application Range:	B	0-14 pH, -15...135oC, 0,8...11 bar (abs)
Reference System:	BU	Upside-down mounting, 1 ceramic junction (hygienic), 3 M KCl, Ag/AgCl
Shaft Length:	2	120mm

Alternative part number: CPS77E-1082/0