

## **JUMO pH process electrodes for the toughest requirements**

JUMO GmbH & Co. KG, Fulda, Germany, has developed a new combination pH electrode for the toughest industrial conditions. Taking measurements in strongly contaminated media, such as are to be found in dyeing and high-temperature processes, poses no problems for these electrodes. Thanks to the use of the new JUMO solid electrolyte, the electrode is ideally suited for applications with such difficult conditions. With these electrodes, the repeated failures of normal gel-filled electrodes, caused by suspended particles and electrode poisons (because of chemical reactions with the reference system) are a thing of the past. This type of electrode is well protected from contamination of the diaphragm by the integration of a perforated and ceramic diaphragm.

The following advantages are distinguishing features of these electrodes:

- proven JUMO conductive system in cartridge style
- high-quality JUMO solid electrolyte, pressure-resistant
- ceramic and perforated diaphragm
- highly resistant membrane glass

---

### **PR executive / Technical advisor**

Stefan Käß

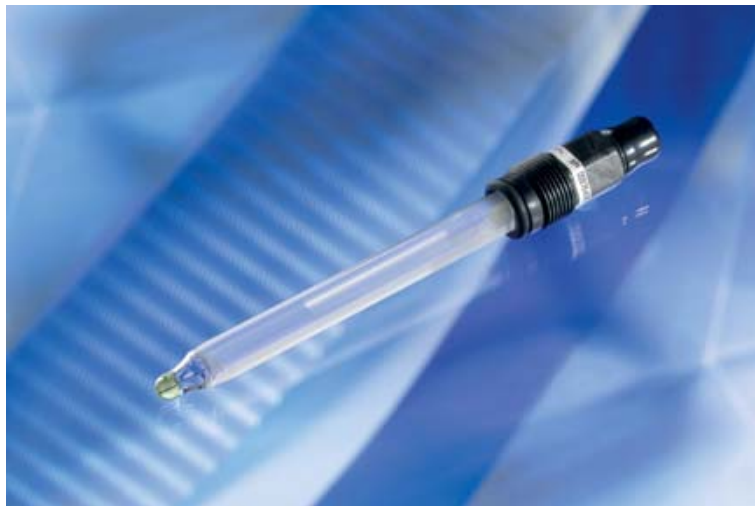
Phone: +49 661 6003-689

Fax: +49 661 6003-607

e-mail: stefan.kaess@jumo.net

- temperature range up to +130 °C
- can be used reliably up to pH 14

The standard installation length for these electrodes is 120 mm – other lengths are possible. A Pt100 or Pt1000 temperature probe can also be integrated.



**PI1472.tif**