

OTT HYDROMET LAUNCHES ION SELECTIVE ELECTRODES FOR WATER QUALITY PROBES OF THE HYDROLAB HL SERIES

Kempten, Germany - 12/04/19

ISE sensors for measuring ammonium, nitrate or chloride in fresh water are now available for the well-established HYDROLAB HL4 and HL7 probes.



ISE stands for "ion-selective electrode" and describes a sensor that converts the activity of a certain ion dissolved in water into an electrical potential. The newly introduced ISE sensors for ammonium, nitrate and chloride from HYDROLAB are robust and work in water depths of up to 15 meters.

Die ISE-Sensoren für Chlorid, Ammonium und Nitrat sind da!

The ammonium and nitrate sensors can measure in a range from 0 to 250 mg/L-N and the chloride sensor from 0 to 18,000 mg/L. They have an accuracy of ± 10 percent and can be used in an ambient temperature range between 0 and 40 degrees Celsius.

In general, ISE sensors have a higher drift than other water quality sensors. Therefore, they are especially suitable for spot measurements where the sensors are calibrated prior to the measurement campaign. Frequent quality checks and re-calibrations are required for longer periods of use. The HYDROLAB probes HL4 and HL7 support the user with a sophisticated maintenance and information concept. When connected to the operating software, the probe uses status displays to indicate whether calibration of the respective sensors is necessary. Calibrations can be carried out quickly and easily using guided calibration routines.

Further info is available on the [product page](#) of HYDROLAB's water quality measurement systems.

ABOUT OTT HYDROMET

The globally operating OTT HydroMet can look back on more than 500 years of combined expertise across seven strong brands that have come together to provide reliability and sustainability for monitoring networks. The company has its headquarters in Kempten, Germany and is the leading provider of complete hydrometric systems for performing hydrological and meteorological measurements. With the recent additions of SUTRON Corporation (2015) G.

Lufft GmbH (2016) and Kipp & Zonen (2017), OTT HydroMet offers the broadest portfolio of trend-setting measurement and communication technology in the fields of water quality, water quantity, meteorology, data management and telemetry, the company contributes sustainably to protecting the environment and lives.

CONTACT

OTT HydroMet GmbH

Ludwigstr. 16

87437 Kempten

GERMANY

Tel.: + 49 (0)831 5617 0 Fax: + 49 (0)831 5617 209

www.otthydromet.com

Contact person: Helena Wingert

E-Mail: helena.wingert@otthydromet.com