

pH- and ORP Sensors



■ Easy to use

- The bracket and the slide rail makes it easy to fit the sensor

■ Low maintenance

- Field replaceable electrode
- Flushes automatically

■ Wide measuring

- 0 - 14 pH eller +/- 2000 mV

■ Quick and easy calibration

- pH sensor: Calibrate with two different buffer solutions
- pH 4.00, 7.00 or 10.00

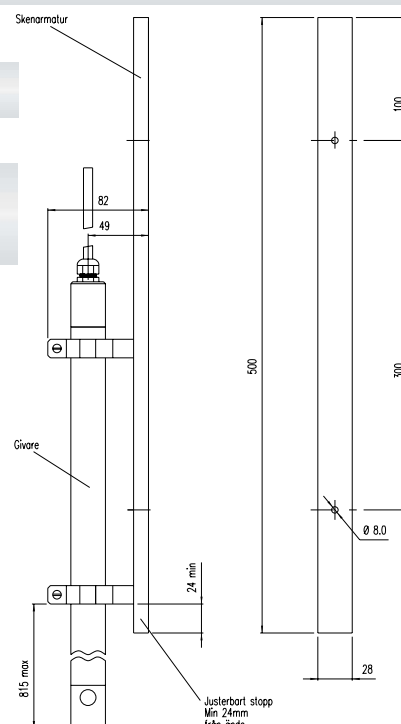
pH- and ORP sensors pH and ORP intended for applications in waste water treatment plants, industrial process sewers etc,. The sensors are based on digital electronic with RS485 communication to the central unit C-TRON.

In addition there is an automatic flushing system. Two sensors in the X-series can be connected to a single C-TRON box, which provides two 4-20 mA outputs. Two relay outputs are used for high/low alarms and flushing of the electrode..

Technical specifications

Material

Housing	316SS (2343)
Top	PVC
Weight	1,8 kg (4 lbs)
Process connection	Immersion
Immersion depth	max 30 cm (12")
Connection cable	10 m (33 ft) polyurethan High impedance pH-input with a BNC connector
Flushing	1/4 PVC hose
Dimensions	Ø28 x 1080 mm. (Ø1.1" x 43")
Measuring principle	Combination electrode
Measuring ranges	
pH	0..14
ORP	+/- 2000 mV
	IP 65 (NEMA 4X)
Linear	+/- 1.5 % FS
Inaccuracy	+/- 1.5 % FS
Isolation	max 500 volt
Enclosure	
Temperature range	0... +60 °C (32... 140 °F)
Optional equipment	Slide rail mounting Ø28 Flushing device. Solenoid valve for flushing max 6 bar (90 psig)



pH - ORP

Cerlic's product line contains sensors for measuring and monitoring your process. Our instruments are used in municipal waste water & water treatment plants,

industrial and pulp & paper process control. The development of our C-TRON product line is the result of increasing demand for instrumentation that is reliable, accurate and durable.