

## Chlorine sensor

Chlorine sensor for free chlorine

Article-No. 461 xxxx



### Properties and performance

- Minimum flow rate for installation in the CCA250 flow assembly: 30 l/h.
- Measurement almost independent of flow rate in the range above 30 l/h.
- No zero point calibration necessary. This means complicated installation of an active carbon filter, as in open chlorine sensors, is not necessary.
- Measured values are not affected by conductivity fluctuation.
- The sensor is ready for measurement after a polarisation time of approx. 45...90 minutes.
- Easy membrane replacement thanks to ready-made membrane head.
- Recalibration intervals approx. 1...4 months under constant operating conditions.
- Back pressure up to 1 bar allowed at the outlet.

### Applications (exemplary)

- Drinking water treatment
- Drinking water monitoring

### Technical data

measured variable	free chlorine: hypochlorous acid (HOCl)
range	0.01 ... 5 mg Cl <sub>2</sub> /l (25°C/77°F, pH 7.2)
accuracy	1% FS
drift	<1.5 % per month
rate	1 s
temperature range	2°C ... +45°C
pH range	4...8.2 pH
pressure	Medium in the assembly: max. 1 bar
flow	In the assembly: min. 30 l/h
flow velocity	Min 15 cm/s
weight	0.5 kg without cable and armature
material	PVC
Dimensions	see technical drawing on the back side

dimensions

