

CBR Chlorine Sensors

Reliable measurement of Free Chlorine using membraneless amperometric sensor technology

ProMinent® offers its new line of Free Chlorine sensors, the CBR series. These sensors were developed for measurement in water with higher pH, process water, cooling tower water, etc.

The membrane covered Amperometric sensor measures both HOCl and OCl at pH values up to 9.5 without the need for buffers or reagents.

Applications

- Potable Water
- Cooling towers
- Wastewater
- High pH water



Ordering Information

- | | | |
|---------------------|-------------------------|-------------|
| ■ CBR 1 mA 0.5 PPM | range 0.01 ... 0.50 PPM | p/n 1038016 |
| ■ CBR 1 mA 2.0 PPM | range 0.02 ... 2.00 PPM | p/n 1038015 |
| ■ CBR 1 mA 10.0 PPM | range 0.10 ... 10.0 PPM | p/n 1038014 |

Technical Data

- | | |
|--|--------------------------------------|
| ■ Measured Variable: Free Cl, Free Br, and Bound BR | ■ Flow: 8 -16 gph |
| ■ pH Range: 5.0 - 9.5 | ■ Output signal: 4-20 mA |
| ■ Temp Range: 41° F - 113° F (5° C- 45° C) | ■ Controller: D1C / D2C / DAC |
| ■ Max Pressure: 14.5 psi | ■ Calibration: DPD 1 |