

## Technical Information:

**Date:** Aug 13<sup>th</sup> 2004  
**Subject:** Data Sheet - Free Chlorine Sensor  
**Product:** CLE 3.1 mA  
**Category:** Dulcotest Sensors  
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### Technical Data

Direct Amperometric Measurement Of Free Chlorine.

No Reagent or Buffer Solution Necessary.

Calibration With DPD 1 Standard Test.

Power Supply, 16 – 24 VDC Required, 35 mA at 16 VDC.

Output Signal, 4 – 20 mA Relative To Free Chlorine Concentration.

Measuring Ranges, 0.01 – 0.5 PPM, 0.02 – 2.0 PPM, 0.05 – 5.0 PPM, 0.1 – 10 PPM.

Accuracy, Better than 1.5% Of Measurement Range

Sensor Has Integrated Temperature Compensation.

Sensor Connection Via Terminals

Installation In ProMinent DGMa Sensor Holders.

Temperature Range, 1° C .... 45 ° C

pH Range 5.5 .... 8.0 ( to 8.5 with pH Compensation )

Recommended Sample Flow 30 ... 100 Litres Per Hour.

Recommended Sample Conductivity > 100  $\mu$ S / cm

Membrane Cap, PVC With Hydrophobic Membrane

Sensor Shaft PVC.