



## CS5560CD

### Digital Chlorine Dioxide Sensor



The CS5560CD is an amperometric chlorine dioxide sensor with a double platinum ring measuring element. A polarisation voltage is applied across the electrodes so that chlorine dioxide reacts selectively at the cathode, producing a current proportional to the  $\text{ClO}_2$  concentration. The result is high selectivity with no consumable parts and low maintenance. The sensor transmits digitally over RS485 MODBUS RTU.

**RANGE****0.01 – 20.00 mg/L****ACCURACY****±1 % F.S.****OUTPUT****RS485 MODBUS RTU****PROTECTION****IP68 / IP65**

### TECHNICAL PARAMETERS

|                   |                                             |                    |                                            |
|-------------------|---------------------------------------------|--------------------|--------------------------------------------|
| Measuring range   | 0.01 – 20.00 mg/L (ppm)                     | Pressure range     | ≤ 0.3 MPa                                  |
| Accuracy          | ±1 % F.S.                                   | Temperature range  | 0 – 60 °C                                  |
| Measuring element | Double platinum ring                        | Calibration method | Sample calibration, comparison calibration |
| Signal output     | RS485 MODBUS RTU                            | Connection         | 4-core split cable                         |
| Power supply      | 9 ~ 36 VDC                                  | Mounting thread    | PG13.5                                     |
| Power consumption | ≤ 0.2 W                                     | Overall length     | 229 mm · Ø23 / Ø12 mm                      |
| Housing material  | Glass + POM                                 | Applicable media   | Tap water, drinking water, etc.            |
| Protection rating | IP68 measuring part / IP65 transmitter part |                    |                                            |

**COMPATIBLE INSTRUMENTS**

- T6200 Multi-parameter Online Water Quality Monitor (pH / ORP –  $\text{ClO}_2$ )
- SC6000CLO2 Online Chlorine Dioxide Monitor

