



# FCL502, FCL505 AND FCL510 FREE CHLORINE SENSORS

## PRODUCT SPECIFICATION SHEET

### FCL502, FCL505, & FCL510 SENSORS



**FC72 FLOW CELL**



**OPTIONAL  
FM001  
FLOW METER**



### Digital Communication for More Process Visibility:

- Modbus and 4-20 mA output options now available
- Configuration and calibration can be done using web based software

### Easy to Install and Maintain

- Installed in a flow cell with an optional flow meter (FM001)
- Membrane cap and fill solution can be replaced quickly

### Versatile Sensor for a Variety of Applications

- Available in three ranges: 0-2 ppm (FCL502), 0-5 ppm (FCL505) and 0-10 ppm (FCL510)
- Typical applications include: industrial wastewater, cooling water, bottle rinsing, and irrigation water in agriculture

PARTS COVERED BY THIS PRODUCT DATA SHEET INCLUDE:  
FCL502, FCL505, FCL510, FCL-5015 THRU FCLA-5018 FC72, FM001

## SPECIFICATIONS

Measuring Range	0-2, 0-5 or 0-10 ppm free chlorine
pH Range	5.5 - 8.5
Body Material	PVC
Membrane Cap Material	PVC housing, Proprietary Membrane
Temperature Range	0 - 45 Degrees C
Maximum Pressure	14.7 psig (1 Bar)
Temp Comp	Integrated
Cable Length	10 feet 2 conductors, tinned leads
Process Connection	flow cell 1/4 inch FNPT threads
Output	4-20mA
Flow Range	Min 0.2 gpm (45 l/hr), Max 0.6 gpm (135 l/hr)
Supply Voltage	12-24V DC, 250mA minimum
Cross Sensitivity	Chlorine dioxide, Ozone, bromine, iodine

DESIGNED AND ASSEMBLED IN CALIFORNIA, USA



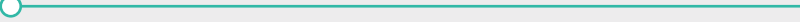
11751 MARKON DRIVE • GARDEN GROVE, CA 92841 • 714.895.4344 • WWW.SENSOREX.COM

© Sensorex Corporation. All rights reserved. In the interest of improving and updating its equipment, Sensorex reserves the right to alter specifications to equipment at any time.



# FCL502, FCL505 AND FCL510 FREE CHLORINE SENSORS

## MODEL # FCL50

DESCRIPTION	CODE	X	X	X
<b>MEASUREMENT RANGE</b> 0-2ppm 0-5ppm 0-10ppm	2 5 10			
<b>COMMUNICATION &amp; POWER</b> Modbus output with 12VDC Modbus output with 24VDC	- MB1 - MB2			
<b>CALIBRATION ACCESSORY</b> None (Replacement probe) Calibration Box (Only 1 needed for multiple sensors)	CALBOX			

**DESIGNED AND ASSEMBLED IN CALIFORNIA, USA**

11751 MARKON DRIVE • GARDEN GROVE, CA 92841 • 714.895.4344 • [WWW.SENSOREX.COM](http://WWW.SENSOREX.COM)

© Sensorex Corporation. All rights reserved. In the interest of improving and updating its equipment, Sensorex reserves the right to alter specifications to equipment at any time.