INDION CL 8180
CHLORINE SENSOR

The new INDION CL8180 Sensor is used to satisfy a broad range of applications like Residual Chlorine, Free Chlorine. The Potentiostatic method is an ''amperometric'' measure with constant potential, made through two metal electrodes dipped in a cell. The current running through the cell consumes chlorine contents; therefore they must be renewed through a constant liquid flow. In the Potentiostatic measuring, the electrode potential is electronically controlled in relation to the liquid, providing a linear relationship current/concentration and a very stable zero value in oxidative absence.



FG code: ZRL01FEBAA00000
Model no: CL8180

Connections:

White – counter electrode
Black – measuring electrode
Shiled – reference electrode

Technical Specifications:

Types	Flow Type
Range:	0-20PPM
Electrode:	Two Platinum Rings
Temperature Sensor:	NA
Response Time:	10 seconds
Max Pressure:	10 bar @ 20°C
Sensor Body Material:	Delrin

FLOW CELL

Type of Material:	Acrylic
Type of Cell:	Flow
Holder:	PVC
O-rings:	NBR and fluoridated elastomer
Operating Temperature:	5 / 55°C
Flow:	15/40 liter/hour
Inlet:	1/8 Inch fittings
Outlet:	1/8 Inch fittings
Accessories:	Plastic tube, Fixing Clamp
Cable Length:	Standard 3 mtrs

Other Industry:

For drinking water plants, Cooling towers, Reverse Osmosis, de-chlorination and activated carbon.

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