

## Water Smart Residual Chlorine Sensor SQ-105



### Application:

Hypochlorous acid (HOCL) in drinking water and industrial process water disinfection process;  
 Online monitoring of residual chlorine concentration, residual chlorine monitoring of influent water of membrane treatment processes such as reverse osmosis;  
 Drop-in or pipe socket installation.

### Technical Parameters

Measuring range	0.20mg/(ppm)
Temperature measurement range	0...65°C
Temperature Sensor	NTC22K
	Optional PT100,PT1000,NTC2.252K
Precision	2%or ±10ppb HOCl
Correction method	Laboratory comparison
Response time	90%less than 90 seconds
Medium flow rate	100..250ml/min
Calibration interval	Every 2 months,1times
Maintenance between intervals	Generally the electrolyte per 3...6months,1 second to add or replace
	Each of the first film6..12 months 1 times replacing
Shell material	316 stainless steel
Sensitive film number	H4030tempered chiorine film
Polarization voltage	50mV
Storage temperature	0..45°C
Process connection thread	M28x1.5
Electrode protective sleeve	Include
Signal line length(m)	5 meters can be customized
Electrical connection	Pin
	Optional BNC, inserts
Protection level	IP68