

# TARAbase

## CL4

### free chlorine

membrane-covered sensor

### Special features

- short response time
- easy handling

### Applications

swimming-pool, drinking, service and process water

### Process conditions

- stable pH value
- no surfactants in the measuring water
- max. temperature: 45 °C
- max. pressure: 1 bar

## CL2

### free chlorine

membrane-covered sensor

### Special features

- suitable for high salt concentrations
- short response time
- easy handling

### Applications

Brine and sea-water applications

### Process conditions

- stable pH value
- no surfactants in the measuring water
- max. temperature: 45 °C
- max. pressure: 1 bar
- 3.5% to 26% salt content in the measuring water

# CONTACT

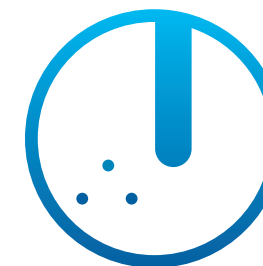


**Reiss GmbH**  
 Eisleber Str. 5  
 D – 69469 Weinheim

Fon +49 (0) 6201/25939-0  
 Fax +49 (0) 6201/25939-10

Email: [info@reiss-gmbh.com](mailto:info@reiss-gmbh.com)  
[www.reiss-gmbh.com](http://www.reiss-gmbh.com)

# OUR PRODUCTS

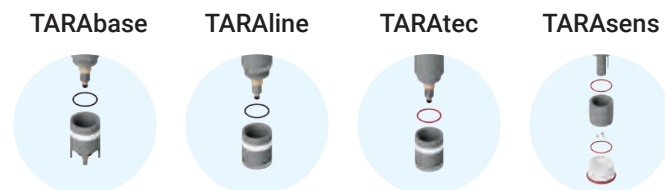


## Sensors

Our sensors measure various disinfectants dissolved in water in diverse applications (swimming pools, drinking water, service water, CIP systems, cooling and waste water etc.). They are offered with various measuring ranges and output signals. We also supply customised versions of our sensors upon request. Our range of products currently includes the brands described below. They feature a variety of performance profiles and thus can be used for a wide range of applications\*:

## TARAbase, TARAline, TARAtec & TARAsens

Our sensors are subdivided into two groups: Membrane-covered sensors and non-membrane-covered sensors. This also allows their use in special applications in areas with high pressures, temperatures and concentrations of the disinfectant.



\* You can find more detailed information about our sensors in our product flyer "Sensors" or on our website.

# CHLORINE SENSORS



# TARAline

## CC1

**free chlorine in the presence of cyanuric acid**  
membrane-covered sensor

### Special features

- reduced dependence on pH
- tolerates surfactants
- requires little maintenance
- tolerates low conductivity

### Applications

Swimming-pool, drinking, service, process and sea water

### Process conditions

- max. temperature: 45 °C
- max. pressure: 3 bar
- min. conductivity: 10 µS/cm

## CS4

**free chlorine**  
membrane-covered sensor

### Special features

- reduced dependence on pH
- tolerates surfactants
- requires little maintenance
- tolerates low conductivity

### Applications

Swimming-pool, drinking, service, process and sea water

### Process conditions

- max. temperature: 45 °C
- max. pressure: 3 bar
- min. conductivity: 10 µS/cm

## CP4

**total chlorine**  
membrane-covered sensor

### Special features

- reduced dependence on pH
- tolerates surfactants
- requires little maintenance
- tolerates low conductivity

### Applications

Swimming-pool, drinking, service, process, sea & brine water

### Process conditions

- max. temperature: 45 °C
- max. pressure: 3 bar
- min. conductivity: 10 µS/cm

## CP4MA\*-AT

**total chlorine**  
membrane-covered sensor

### Special features

- tested according to ATEX and IECEx
- tolerates surfactants
- reduced dependence on pH
- requires little maintenance

### Applications

Sea and ballast water

### Process conditions

- max. temperature: 45 °C
- max. pressure: 0.5 bar

# TARAsens

## AS2-CL

**free chlorine**  
non-membrane-covered sensor

### Special features

- suitable for high pressures
- short response time
- tolerates surfactants
- reduced maintenance due to automatic electrode cleaning with RV1 (optional)

### Applications

Drinking water

### Process conditions

- stable pH value
- max. temperature: 50 °C
- max. pressure: 8 bar

## AS3-CL

**free chlorine**  
non-membrane-covered sensor

### Special features

- suitable for high water temperatures
- suitable for high pressures
- short response time
- tolerates surfactants
- reduced maintenance due to automatic electrode cleaning with RV1 (optional)

### Applications

Drinking water, hot water applications

### Process conditions

- stable pH value
- max. temperature: 70 °C
- max. pressure: 8 bar

# TARAtec

## CH10

**free chlorine**  
membrane-covered sensor

### Special features

- suitable for high chlorine concentrations of up to 2000 ppm
- mechanically robust membrane system
- tolerates surfactants
- high tolerance to chemicals
- tolerates polluted measuring water

### Applications

Washing of fruit, vegetables and poultry, service and process water

### Process conditions

- stable pH value
- max. temperature: 45 °C
- max. pressure: 1 bar

### We also offer sensors for the following disinfectants:

- Chlorine dioxide
- Peracetic acid
- Ozone
- Hydrogen peroxide
- Bromine
- Chlorite