Signal outputs

- 0 … -2000 mV
- 0 … +2000 mV
- 4-20 mA
- Modbus RTU

Electrical connections

0 … +/-2000 mV
4-pole
screw connector

Modbus RTU
5-pole M12
plug-on flange

4-20 mA

2-pole
terminal

5-pole M12
plug-on flange

CONTACT

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Reiss GmbH
we create sensor solutions

SENSORS

AT A GLANCE

General

Our sensors measure various disinfectants dissolved in water in diverse applications such as swimming pools, CIP systems, drinking and service water, cooling and waste water and many more. They are offered with a wide selection of various measuring ranges, electrical connections and output signals, ensuring we can offer you a great variety of products and applications.

Our brands

TARAbase

TARAline

TARAtec

TARAsens

Disinfectants

Chlorine	TARAbase, TARAline, TARAtec, TARAsens
Chlorine dioxide	TARAbase, TARAtec, TARAsens
Peracetic acid	TARAtec
Ozone	TARAbase, TARAtec
Hydrogen peroxide	TARAtec
Bromine	TARAline
Chlorite	TARAline

OUR SENSORS

TARAbase

The sensors of the TARAbase brand are ideally suited for use in simple standard applications with clearly defined basic conditions.

TARAbase includes all membrane-covered 2-electrode systems working with the M20 type membrane cap.

Types

CL4:
Free chlorine, pH dependent

CL2:
Free chlorine, pH dependent
up to 26% salt content in the measuring water

CD4:
Chlorine dioxide

OZ1:
Ozone

- membrane-covered -

SENSOR SELECTION

You can find a detailed overview of our selection of sensors in the Sensors section on our website.

www.reiss-gmbh.com

TARAline

The sensors of the TARAline brand are available for more complex applications with more complex requirements specifications.
The sensors work with a patented, membrane-covered, potentiostatic 3-electrode system and use the M48 type membrane cap.

Types

CS4:
Free chlorine, reduced dependence on pH

CC1:
Chlorine based on isocyanuric acid

CP4:
Total chlorine

CP4MA-AT:
Total chlorine,
Ex protection

BR1:
Free bromine and/or
1-bromo-3-chloro-5,5-dimethyl-hydantoin
(BCDMH)

MST1:
Chlorite

- membrane-covered -

TARAtec

The membrane-covered 2-electrode systems of the TARAtec brand are able to meet high requirements, such as those found in industry. Depending on the series (7, 9 or 10), the systems excel by the following characteristics:
mechanically durable membrane, resistance to surfactants and a higher temperature application range up to max. 60 °C

Types

CD7 / CD10:
Chlorine dioxide

OZ7 / OZ10:
Ozone

PES7 / P10:
Peracetic acid

P9:
Peracetic acid
up to 60 °C

WP7 / WP10:
Hydrogen peroxide

CH10:
Free chlorine

- membrane-covered -

TARAsens

The non-membrane-covered potentiostatic 3-electrode systems are grouped under the umbrella of the TARAsens brand. Their measuring electrodes are in direct contact with the measuring water. This feature allows the use of the sensors at pressures of up to 8 bar. A particular highlight is the AS3 type which is also suitable for measuring tasks in water temperatures of up to 70 °C.

Types

AS2:
Free chlorine /
chlorine dioxide up to 50 °C

AS3:
Free chlorine /
chlorine dioxide up to 70 °C

- non-membrane-covered -