

AMI Trides

On-line Monitor and Controller for Free and Active Chlorine, Chlorine-Dioxide, Ozone, Bromine and Iodine.

Integrated pH Measurement for Automatic Calculation of Free Chlorine at Changing pH Levels.

... AMI Trides

- *Wide measuring range: 0.001 to 5.00 ppm.*
- *Low drift: < 1% during 1 month.*
- *Fast response: 90% of change within 60 seconds.*
- *Maintenance-free self-cleaning 3-electrode-system.*
- *Monitoring of sample flow and cleaning efficiency.*
- *Automatic compensation of sample pH (on-line or off-line).*
- *Built-in PID controllers as relays or continuous mA output.*
- *Fieldbus interface including Profibus DP and Modbus protocols.*

(Data Sheet No. DenA261110XX)



Chlorine and other Disinfectants

Control of Chlorine, Ozone and other Disinfectants



Electronic Control Unit

- Aluminium housing IP66.
- Range 0.001 to 5.00 ppm (HOCl).
- Disinfectant selection via keyboard: HOCl, free chlorine, ClO₂, Ozone, Iodine, Bromine.
- Two freely scalable mA signal outputs.
- Alarm relay and two limit switches.
- PID control on limit switches and signal outputs.
- Sample flow alarm.
- Remote-off input relay.

Analytical System

- Overflow cell for constant flow.
- Maintenance-free TRIDES 3-electrode system.
- Controlled cleaning of sensor surfaces.
- No consumables.

Options

- On-line pH-compensation with integrated pH-probe.
- O-Ring set for Ozone.
- Fieldbus communication board (Profibus DP, Modbus).

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ANALYTICAL INSTRUMENTS