

AMI Codes-II

Complete System for Auto-matic Measurement and Control of Disinfectants

- Accurate measurement of free chlorine, ozone, chlorinedioxide, monochloramine, bromine or iodine
- Used in potable water, swimming pool, cooling water and industrial waste water processing
- Applicable for water containing additives like cyanuric acid
- Process-photometer based on DPD-Method (DIN EN ISO 7393-2; APHA/AWWA 4500-Cl G)
- Integrated pH-measurement with temperature compensation as an option
- Programmable measuring interval makes the system cost efficient, low-maintenance and easy to handle
- Add-on module for automated chemical cleaning extends the maintenance-free operating time
- Complete panel mounted system; tested, calibrated and ready for operation.



Colorimetric Disinfectants Monitoring

Monitor AMI Codes-II
Data Sheet Nr. DenAA254411000

Colorimetric Disinfectants Monitoring



A-82.312.000
Cleaning-Module-II for the periodical,
automatic cleaning of the flow cell
and photometer

For technical specifications see:
Data Sheet No. DenA254411000 AMI CODES-II
Data Sheet No. DenA82312000 Cleaning-Module-II

Analytical System

- Wide measuring range:
 - Free chlorine, HOCl, monochloramine: 0.00 - 5.00 ppm
 - Ozone: 0.05 - 1.00 ppm
 - Chlorine-dioxide, iodine, bromine: 0.00 - 6.00 ppm
 - Total residual chlorine: 0.00 - 5.00 ppm
- Fluidic system with overflow cell design for constant sample flow
- Automatic zero calibration for long term stability
- Flow-thru photometer design reducing maintenance and drift
- Sample flow monitoring
- Reagent level monitoring
- Programmable measuring interval to reduce reagent consumption
- Low sample consumption (less than 10 l/h)

Transmitter / Controller

- Rugged aluminium housing IP66
- Easy full text menu guidance
- Internal data logger
- Programmable PID controllers
- 2 free programmable signal outputs (4 - 20 mA)
- 2 potential free contacts programmable as PID controllers, limit or alarm switches
- Internal data logging including alarms, events and calibration data

Options

- pH sensor with temperature compensation
- Profibus/Modbus communication
- USB data logger
- 3rd signal output (4 - 20 mA).