

AMI Phosphate HL

Complete monitoring system for the automatic, continuous measurement of orthophosphate in boiler water, district heating, cooling water and waste water

- *Colorimetric measurement according to APHA 4500- P.C. Vanadate-Molybdate (yellow) method*
- *Measurement of orto-phosphate 0.1ppm to 50ppm*
- *No interference with silica*
- *Flow-through photometer with auto-zero before each reading*
- *Sample flow surveillance*
- *Low reagent detection level switch*
- *Monitor self-diagnostic:*
 - *Photometer dirty*
 - *Pump/ electronic board / solenoid valve defective*
- *Low maintenance cost with minimum moving part / yearly maintenance part*
- *Complete system mounted on a panel: factory tested, calibrated and ready for operation*



High Level Phosphate

*Monitor AMI Phosphate HL
Data Sheet No.: DenA25421300*



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Transmitter AMI Phosphate HL

- Rugged Aluminium housing IP66.
- Two freely scalable current signal outputs (0/4 – 20 mA), third one as an option.
- Optional fieldbus communication board

Flow cell

- Made of acrylic glass with water inlet filter and needle valve.

Phosphate Measurement

- Measuring Range:
0.1 to 50.0 ppm as PO₄
0.1 to 16.0 ppm as P



AMI Sample Sequencer
Data Sheet No.:
DenA82611060



Cleaning Module
Data Sheet No.:
DenA82312000

Analytical System

- Greatest long-term stability by automatic zero point adjustment before every reading.
- High operating reliability because of constant control of sample flow and reagent level.

Options:

- Communication Interface (Hyperterminal, Modbus or Profibus).
- Dual Sample Stream or AMI Sample Sequencer for up to 6 Sample Streams.
- Automatic self-cleaning module for the periodical, automatic cleaning of the flow cell and photometer.

Made in Switzerland 

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ANALYTICAL INSTRUMENTS