

## AMI Hydrogen QED

*Online Analyser for the Continuous Measurement of Dissolved Hydrogen in Water/Steam Cycle*

- *Measuring range: 0.01 to 800 ppb*
- *Faraday electrode and control unit for the automatic sensor verification by electrochemically generated of hydrogen in ppb range*
- *Un-attend and automatic sensor self-regeneration*
- *Durable membrane and large electrolyte volume in the hydrogen sensor to avoid frequent sensor maintenance*
- *Automatic temperature and air pressure compensation*
- *Digital sample flow surveillance*
- *No reagent/ purge gas is required for the operation*
- *Optional communication board Profibus DP / Modbus*
- *Factory tested and ready for installation and operation.*



*Dissolved Hydrogen*

Monitor AMI Hydrogen QED  
Data Sheet No.: DenA22851000



# Dissolved Hydrogen in High Purity Water

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## Transmitter AMI Hydrogen QED

- 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 built-in flow adjustment valve, digital sample flow meter and faraday electrode
- Flow rate: 6 to 20 l/h

## Dissolved Hydrogen Measurement

- |                           |                    |
|---------------------------|--------------------|
| • Measuring range:        | Resolution:        |
| 0 to 9.99 ppb             | ± 0.01 ppb         |
| 10 to 99.9 ppb            | ± 0.1 ppb          |
| 100 to 800 ppb            | ± 1 ppb            |
| 0 to 50 % saturation      | ± 0.1 % saturation |
| Automatic range switching |                    |



Swansensor Hydrogen  
A87260001

## Swansensor Hydrogen

- Sensor with platinum anode and silver cathode
- Integrated NT5k temperature sensor.

Made in Switzerland 

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ANALYTICAL INSTRUMENTS