ANALYTICAL INSTRUMENTS

AMI Rescon

Complete Monitoring System for the Automatic, Continuous Measurement of
Specific Resisitivity /
Specific Conductivity
in Ultra Pure Water

- *High precision resistivity sensor (stainless steel 316 L)*
- *Integrated temperature sensor*
- *Selectable temperature compensation*
- *In-situ automatic verification with ultra-high precision resistors*
- *Resolution: 0.01 MΩ*
- *Stainless steel flow cell with needle valve*
- *Complete system mounted on a stainless steel panel*
- *Optional communication board Profibus DP / Modbus*
- *Factory tested and ready for installation and operation.*

Monitor AMI Rescon
Data Sheet No: DenA23431XX0

Resistivity

www.swan.ch

High Resolution Resistivity in Ultra Pure Water

Monitor AMI Rescon
Data Sheet No: DenA23431XX0

Analytical System

- *Resistivity measurement range: 0.01 to 18.18 MΩ*
- *Conductivity measurement range: 0.055 to 1000 µS/cm*
- *Automatic range switching*
- *Resolution: 0.01 MΩor 0.001 µS/cm*
- *Alarm function according to the limits in USP645, stage 1.*

AMI Electronic Unit

- *Rugged aluminium housing (IP66)*
- *Full-text menu driven user interface*
- *Two freely scalable current signal outputs (0/4-20 mA), third one as an option*
- *Optional fieldbus communication board (Profibus, Modbus, SWAN Desk).*

Flow-Cell and Sensor

- *Stainless steel flow cell QV-Hflow with integrated needle valve and digital sample flow meter*
- *High precision two-wire resistivity sensor Rescon U with built-in temperature sensor for automatic temperature compensation*
- *Made of stainless steel (316 L) and with PEEK insulation.*

Made in Switzerland

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