

AMI Rescon

Complete Monitoring System
for the Automatic, Continuous
Measurement of

**Specific Resistivity /
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 M Ω
- 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.



Resistivity

Monitor AMI Rescon
Data Sheet No: DenA23431XX0

High Resolution Resistivity in Ultra Pure Water



Monitor AMI Rescon
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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 MΩ or 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.