

## AMI Powercon Acid

*Analyzer for the automatic and continuous measurement of acid (cation) conductivity in feedwater, steam and condensate*

- *Measurement the conductivity after a cation exchanger.*
- *Two precision conductivity sensor with slot-lock design and integrated Pt1000 temperature probe.*
- *Easy to replace cation exchanger.*
- *Automatic deaeration of the cation exchanger.*
- *Optional pre-rinse setup for instantaneous resin exchange.*
- *Factory tested, and ready for installation and operation.*

Data Sheet No: DenA23445XXX



*Acid (Cation) Conductivity*



# Conductivity after a Cation Exchanger (Acid/Cation Conductivity)

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## Analytical System

- Conductivity measurement range:  
0.055 to 1000  $\mu\text{S}/\text{cm}$
- High precision:  
 $\pm 1\%$  of the measured value
- Temperature compensation:
  - non linear function for high purity water
  - neutral salts
  - strong acids
  - strong bases
  - Ammonia, Ethanolamine
  - Morpholine
  - Linear coefficient in  $\%/^{\circ}\text{C}$
  - Absolute (none)

## AMI Electronic Unit

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

## Flow-Cell with Sensors and Integrated Cation Exchanger with Pre-Rinse Option

- Stainless steel flow cell with integrated flow adjustment valve and digital sample flow meter.
- Quick sensor release with patented slot-lock design.

Made in Switzerland



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ANALYTICAL INSTRUMENTS