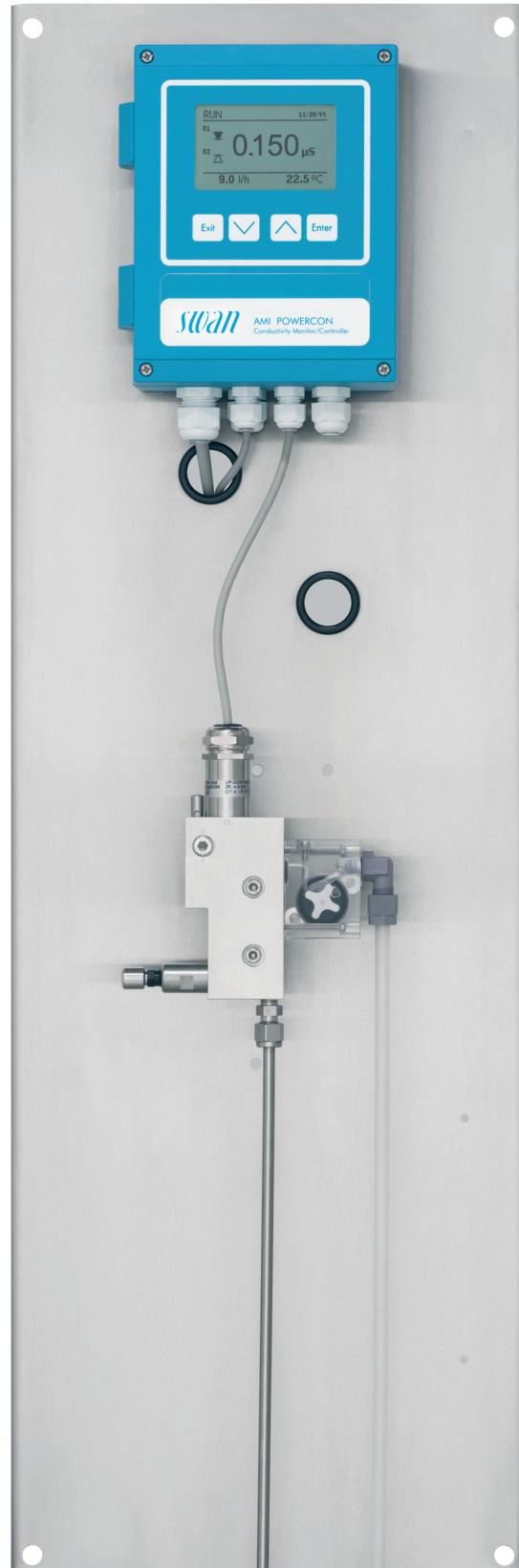


## AMI Powercon Specific

*Analyzer for the Automatic and Continuous Measurement of Specific (Total) Conductivity in Feedwater, Steam and Condensate*

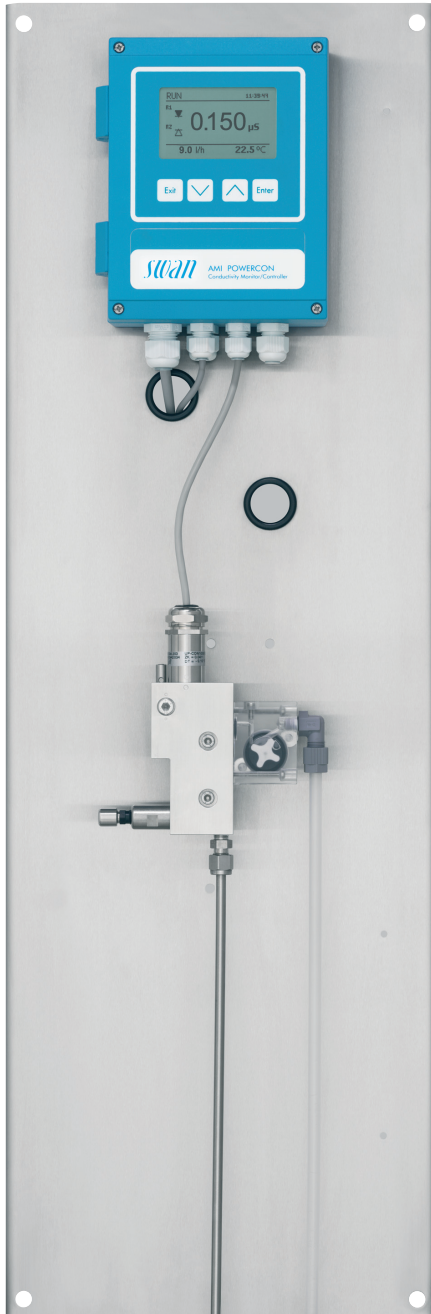
- *Two-electrode conductivity sensor with slot-lock design and integrated Pt1000 temperature probe.*
- *Selectable temperature compensation.*
- *Stainless steel flow cell with digital sample flow meter.*
- *Quick sensor release with patented slot-lock design.*
- *Factory tested, and ready for installation and operation.*

*Data Sheet No: DenA23441XX0*



*Specific (Total) Conductivity*

# Specific Conductivity in Feedwater, Steam and Condensate



## 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

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



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