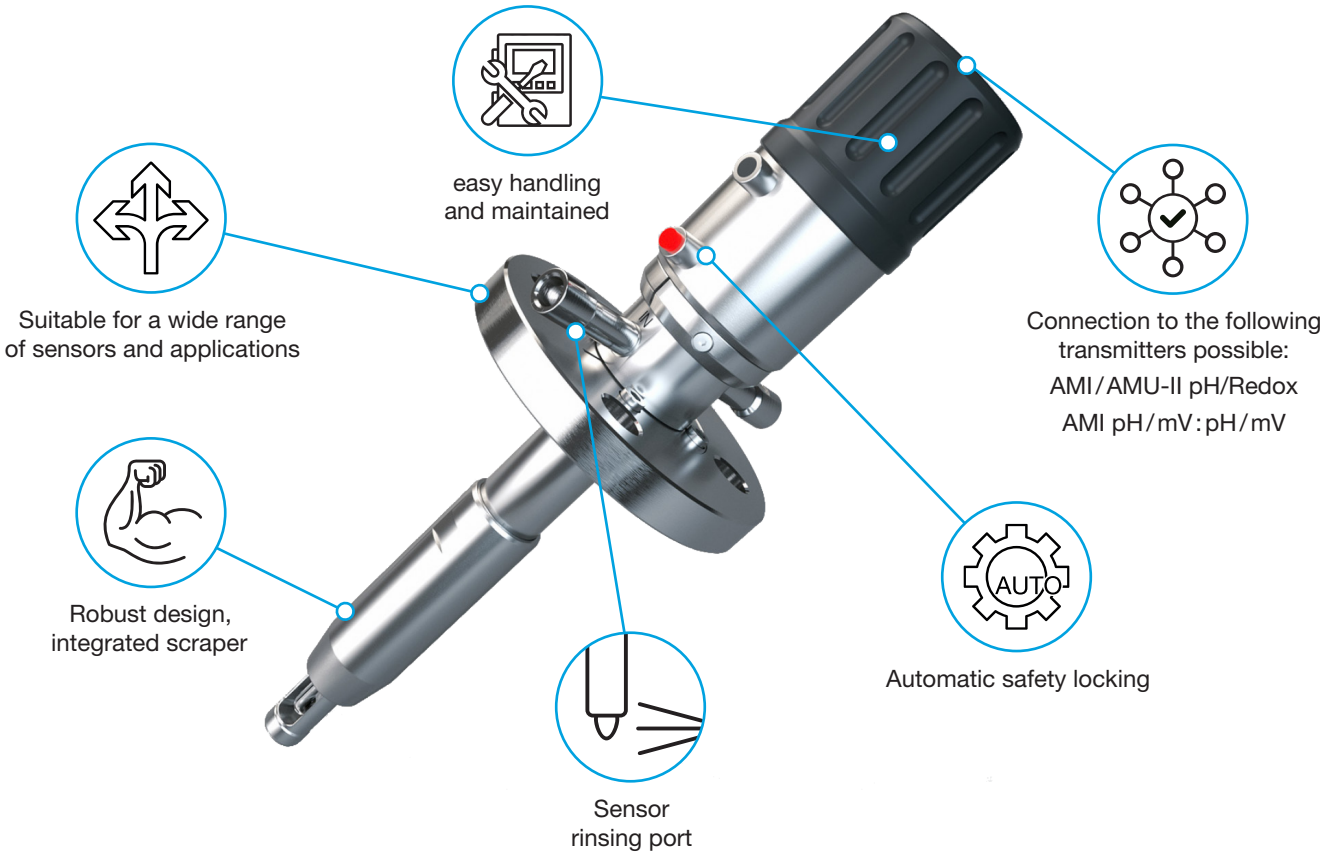
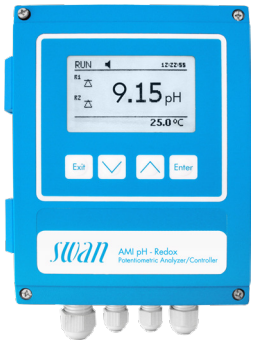
swan
ANALYTICAL INSTRUMENTS

High Pressure (HP) Inline Retractable pH/Redox Sensor Solution



Transmitters



1 Sensor
AMI/AMU-II pH/Redox

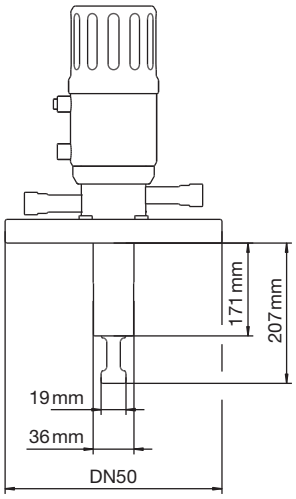
2 Sensors
AMI pH/mV:pH/mV

SWISS MADE

swan
ANALYTICAL INSTRUMENTS

202408 Rev0

High Pressure (HP) Inline Retractable pH/Redox Sensor Solution



Technical Specification

- Pressure max: 16 bar up to 120 °C (10 bar at 140 °C)
- Temperatur max: 140 °C
- Material: 1.4404/316 L (PP / PEEK / PVDF on request)
- Process connection: DN 50 PN16
- Rinse port: G 1/8" (female)

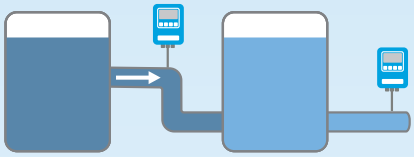
Sensor Specification

- Length: 325 mm
- Diameter: 12 mm
- temperature sensor: PT1000 AMI / AMU-II pH/Redox, NT5K AMI pH/mV:pH/mV
- Signal output: analog (mV and resistor)

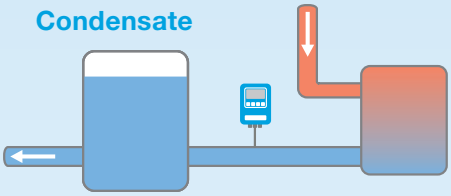
The sensor must fulfil the process requirements.

Applications

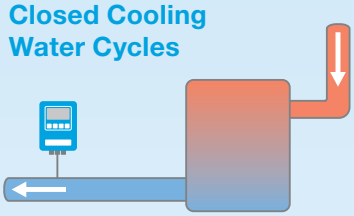
Potable Water / Process Water



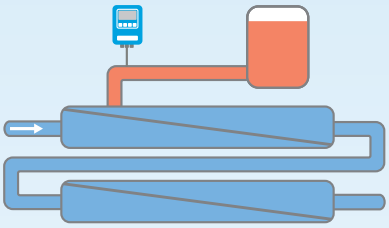
Return Condensate



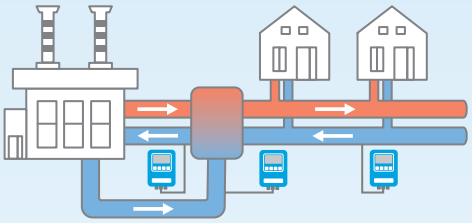
Closed Cooling Water Cycles



CIP Process Water



District Heating



Applications	Benefits
Potable Water / Process Water	Monitoring of treatment steps / potable water network • no water loss
Return-/ condensate lines	Monitoring the alkalization and water quality • no water loss • no cooling water needed
Cooling water circuit	Controlling pH and redox (oxidation) level • no water loss • protect environmental

Applications	Benefits
CIP process water	Controlling pH and redox (oxidation) level • no water loss • protect environmental
District heating	Monitoring the alkalization and water quality • no water loss • no cooling water needed

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