ANALYTICAL INSTRUMENTS

AMI pH/Redox

(QV-Flow)

On-line Analyzer for the Continuous Measurement of pH or Redox (ORP) in High Purity Water, Steam and Condensate.

- Simultaneous measurement of pH or redox, sample temperature and sample flow.
- Combined or separated sensors with reference electrodes for various sample conditions.
- Flow cell QV-Flow IS1000 made of stainless steel.
- Complete system mounted on a stainless steel panel.
- Factory tested, ready for installation and operation.

Data Sheet No: DenA2122XXXX

pH and Redox

SWISS MADE

ANALYTICAL INSTRUMENTS

202206

pH and Redox (ORP) in High Purity Water, Steam and Condensate

Transmitter AMI pH/Redox

- Rough Aluminum housing IP66.
- Measuring range: 1 to 13 pH, or -500 to +1500 mV depending on installed sensor.
- Temperature compensation according to:
  - Nernst (for potable water and waste water).
  - Nernst with non-linear solution compensation (for high purity water).
  - Nernst with linear compensation with selectable coefficient (for high purity water).
- Two freely scalable current signal outputs (0/4-20 mA), third one as an option.
- Optional fieldbus communication board.

Sensors

- Swansensor ST/AY:
  pH 1 to 13 resp. -400 to +1200 mV
  Swansensor SI/FL:
  pH 1 to 12 resp. -500 to +1500 mV
  Resolution:
  0.01 pH or 1 mV

Flow Cell QV-Flow

- Flow cell QV-Flow IS 1000 made of stainless steel with quick release vessel, needle valve, digital sample flow meter and temperature sensor.
- Flow rate: 5 to 10 l/h
- Inlet pressure: 0.2 to 2 bar

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