Waltron

EXPERTS IN
WATER CHEMISTRY
SINCE 1903

4095 Multi-Conductivity Analyzer

Advanced Multi-Conductivity and pH Monitoring with Waltron's 4095 Analyzer

The Waltron 4095 Multi-Conductivity Analyzer transmitter delivers innovative technology for precise water and steam monitoring, tailored for power plants and industrial facilities. It offers unparalleled accuracy, streamlined single-transmitter displays, and easy data logging. Supported by Waltron's service team, the 4095 ensures reliable and efficient conductivity and calculated pH analysis.

Key Features

- Conductivity measurement range: 0-9.999 µS/cm, 0-99.99 µS/cm
- Calculation of pH value in the range from pH 7.5 to 11.5
- Space-saving panel mount
- Calculation of alkalizing reagent consumption, e.g. ammonia in the range from 0.01 to 10 ppm, when connected to an optional flow meter
- Simultaneous measurement and display of specific and cation conductivity, pH, alkalizing reagent, sample temperature and sample flow
- Temperature compensation preset for strong acids (wide range selectable for other sample conditions)
- Optional 4010 resin cartridge assembly provides specific and cation conductivity sensors for a complete panel-mounted multicon instrument.
- Extremely low power consumption
- 1/4-DIN cutout with color touchscreen
- Connects to a wide variety of specific cation conductivity sensors (not included)

Get in Touch

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4095 Specifications

Specifications

Parameter: Specific/Cation/Calculated pH

Technology: Contacting

Range(s): 0-9.999 µS/cm, 0-99.99 µS/cm

Accuracy: (+/-) 1% of measured value or +/- 1 digit (whichever is greater)

Response Time: t90: < 5 seconds

Cycle Time: Continuous

Analog Outputs: 4 x 0/4 – 20 mA for measured signals

Digital Outputs: Optional RS422/RS485

Alarms: General Alarm

Calibration Method: Process

Calibration Frequency: Probe-dependant

Ambient Conditions: 0-55°C (32-131°F)

Sample Temperature: Probe-dependant

Sample Flow/Pressure: Probe-dependant

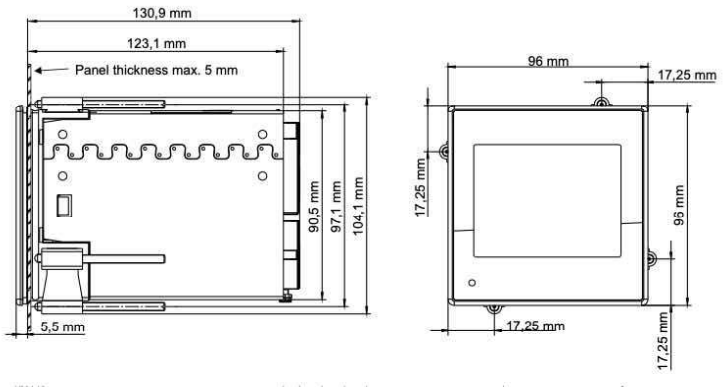
Mechanical

Power: 110 to 240 VAC, 48 to 63 Hz

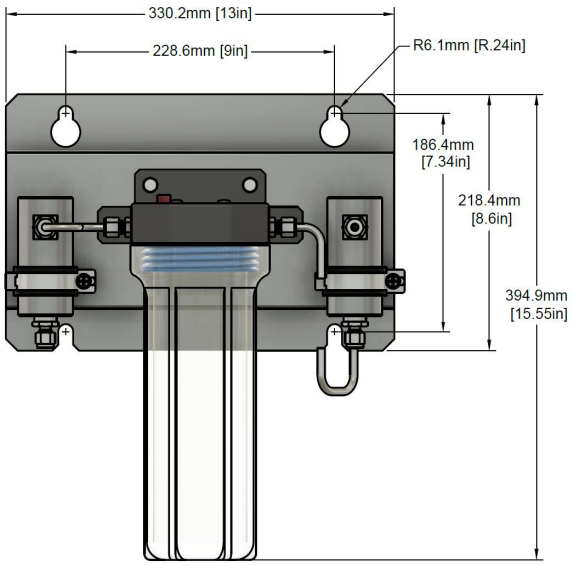
IP Rating: IP 66, NEMA 4X

Mounting: Panel

Materials: High Strength ABS



Optional 4010 Assembly



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