Contacting Conductivity Sensors Models 8315, 8316, 8317

Applications
- Power



Simple to Integrate. Simple to Operate.

An integral part of the most complete water analytics system for the Power industry. Hach provides a broad range of product options designed to work together into flexible solutions to meet your unique needs. Hach's comprehensive approach saves you time on design, installation, training, maintenance and operation.

Save time on design

A single design source and one product platform means you spend less time searching for design files or configuring components. Create and reuse your optimal design templates. Each sensor has a unique four-digit cell constant determined according to ISO 7888 and ASTM D 1125 standards.

Accelerate your installation

One source, interchangeable components, a common user interface, and one support team make installation faster and less complicated. Quickly and easily transfer user settings between conductivity loops.

Reduce training complexity

A single platform minimizes time required to teach and learn product operations, getting new systems in use faster.

Simplify maintenance and operation

Common menu guides reduce variability and provide step-by-step procedures for maintenance and calibration. Robust construction with 316 Stainless Steel and a sturdy industrial design ensures the product can withstand even the most demanding conditions. Hach's contacting conductivity sensors measure a broad range (pure water 0.057 µS/cm up to 20,000 µS/cm) with high accuracy.

HACH®
Be Right™

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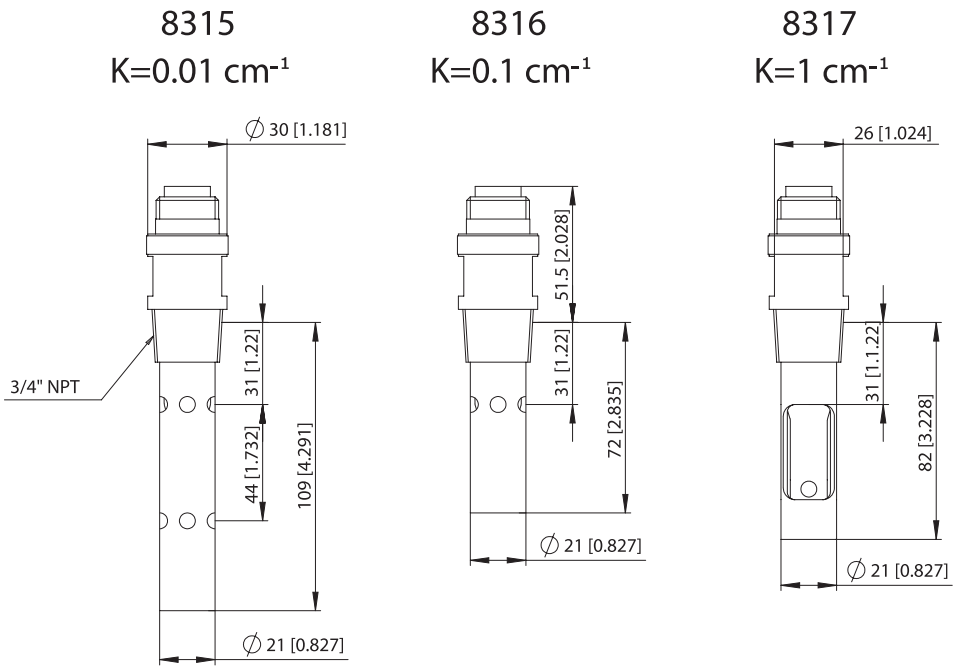
Specifications*

Prod. No.	08315=A=0000	08316=A=0000	08317=A=0000
Cell Constant k	0.01 cm^{-1}	0.1 cm^{-1}	1 cm^{-1}
Range	0.01 to 200 µS/cm	0.1 to 2000 µS/cm	1 to 20000 µS/cm
Operating Temperature Range	Maximum Temperature: 150 °C (302 °F) at 25 bar (362.5 psi)	Maximum Temperature: 150 °C (302 °F) at 25 bar (362.5 psi)	Maximum Temperature: 150 °C (302 °F) at 25 bar (362.5 psi)
Pressure Limit	25 bar Maximum Pressure	25 bar Maximum Pressure	25 bar Maximum Pressure
Material	Stainless Steel 316L with FKM/FPM O-Ring Gaskets, Stainless Steel 316L Internal Electrode	Stainless Steel 316L with FKM/FPM O-Ring Gaskets, Stainless Steel 316L Internal Electrode	Stainless Steel 316L with FKM/FPM O-Ring Gaskets, Graphite Internal Electrode
Measurement Method	Two-Electrode Sensor	Two-Electrode Sensor	Two-Electrode Sensor
Temperature Sensor	PT100 Integrated Sensor	PT100 Integrated Sensor	PT100 Integrated Sensor

**Subject to change without notice.*

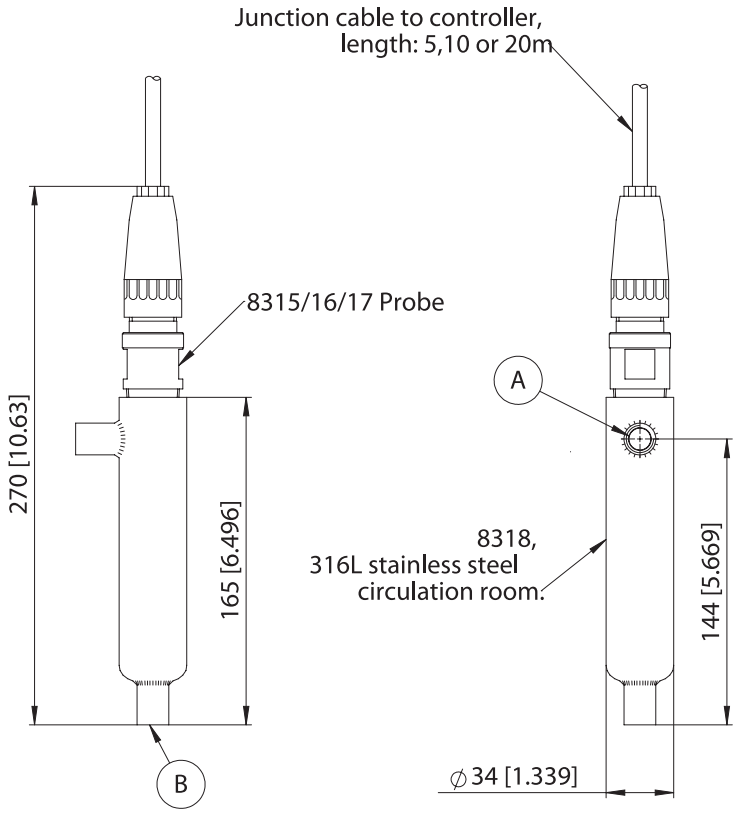
Dimensions



316L STAINLESS STEEL PROBES

T Max: 150°C (302°F) / P Max: 25 bar (362 psi)

All dimensions are in mm[inches].



Ordering Information

Conductivity Electrodes

08315=A=0000	8315 Conductivity Sensor, K = 0.01 cm^{-1}
08316=A=0000	8316 Conductivity Sensor, K = 0.1 cm^{-1}
08317=A=0000	8317 Conductivity Sensor, K = 1 cm^{-1}

Conductivity Accessories

08318=A=0001	Stainless Steel Flow Chamber for 831x Sensors
08319=A=0005	Cable for 831x Conductivity Probes, 5m
08319=A=0010	Cable for 831x Conductivity Probes, 10m
08319=A=0020	Cable for 831x Conductivity Probes, 20m

HACH COMPANY World Headquarters: Loveland, Colorado USA

United States: 800-227-4224 tel 970-669-2932 fax
Outside United States: 970-669-3050 tel 970-461-3939 fax
hach.com

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