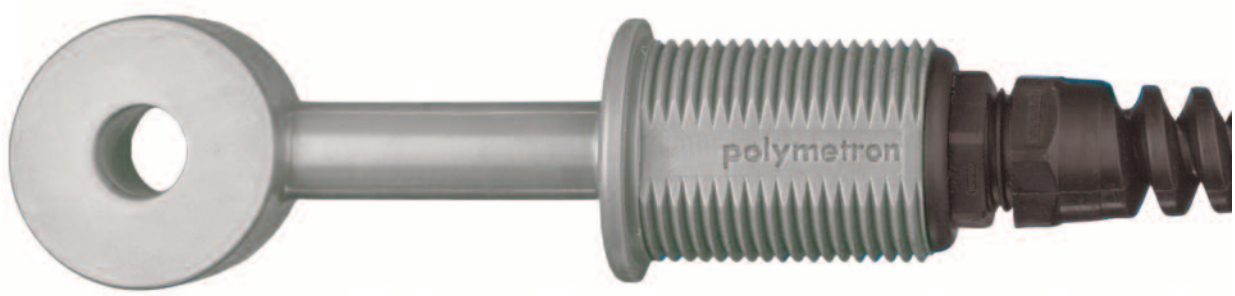
8398 Inductive Conductivity Sensors

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

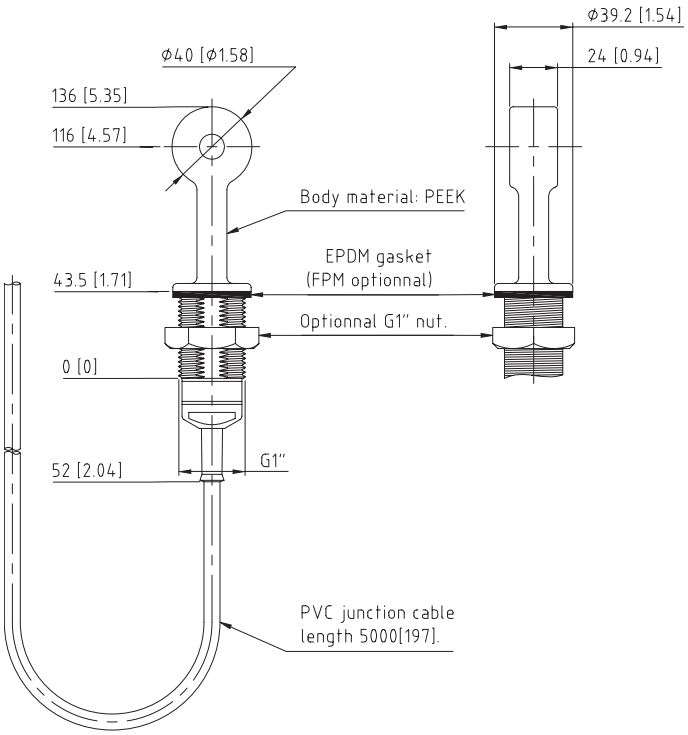
Common menu guides reduce variability and provide step-by-step procedures for maintenance and calibration. Hach's inductive conductivity sensors measure a broad range with high accuracy.

Specifications*

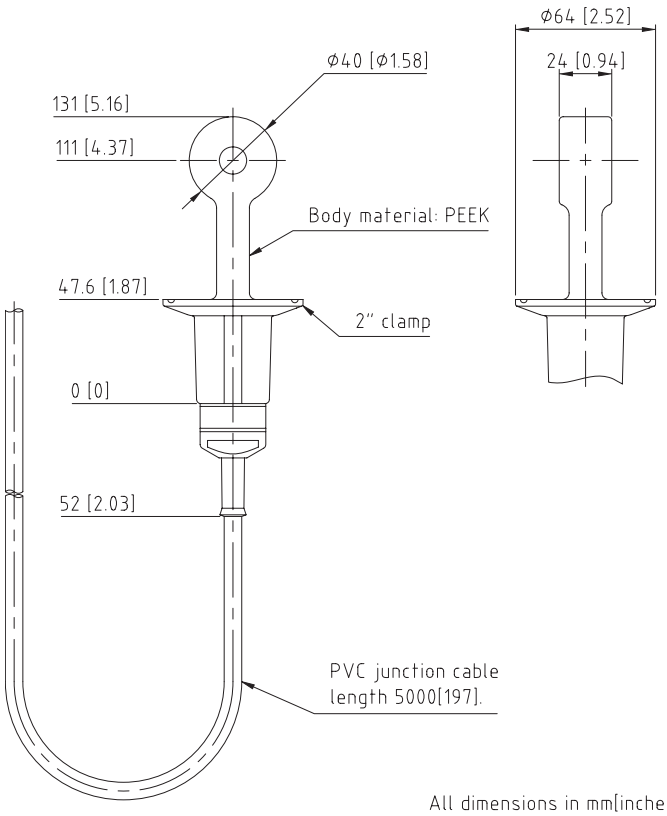
Prod. No.	08398=A=2020	08398=A=3000	08398=A=5000
Description	8398 Inductive Conductivity Sensor, 2 Clamp Mount	8398 Inductive Conductivity Sensor, DN50 Connection	8398 Inductive Conductivity Sensor, 1 Gas Mount
Cell Constant k	2.35 cm^{-1}	2.35 cm^{-1}	2.35 cm^{-1}
Range	0 to 2000 mS/cm	0 to 2000 mS/cm	0 to 2000 mS/cm
Operating Temperature Range	Maximum Temperature: 140 °C	Maximum Temperature: 140 °C	Maximum Temperature: 140 °C
Pressure Limit	18 bar Maximum Pressure	18 bar Maximum Pressure	18 bar Maximum Pressure
Material	PEEK electrode	PEEK electrode	PEEK electrode
Response Time	Conductivity (T90): 1s, Temperature (T90): 2 min	Conductivity (T90): < 1s, Temperature (T90): 2 min	Conductivity (T90): < 1s, Temperature (T90): 2 min
Cable Connection	Cable length: 20 m	Cable length: 20 m	Cable length: 20 m

**Subject to change without notice.*

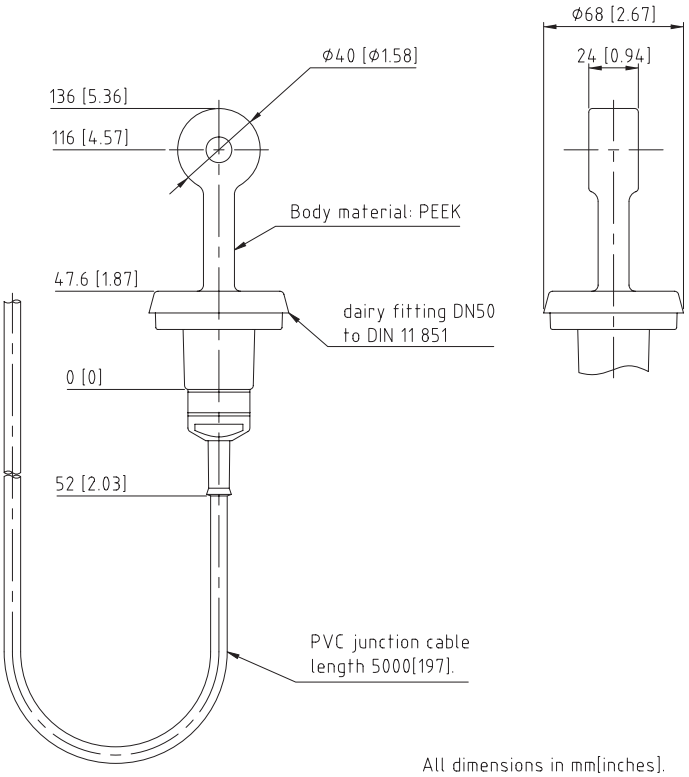
Dimensions



All dimensions in mm[inches].



All dimensions in mm[inches].



All dimensions in mm[inches].

Ordering Information

Conductivity Sensors

08398=A=2020 8398 Inductive Conductivity Sensor, 2 in. Clamp Mount

08398=A=3000 8398 Inductive Conductivity Sensor, DN50 Connection

08398=A=5000 8398 Inductive Conductivity Sensor, 1 in. Gas Mount

08398=A=6005 8398 Inductive Conductivity Sensor with Fixed DN 50 PP Flange, 0.5 m

08398=A=6610 8398 Inductive Conductivity Sensor with Adjustable DN 50 PVC Flange, 1 m

Please visit hach.com for more sensor and flange combinations.

Conductivity Mounting Hardware

08398=A=0500 Mounting Kit with DN 50 Stainless Screw, EPDM DN 50 Joint, and DN 50 Stainless Ferrule to Weld (H = 35mm)

08398=A=0510 Mounting Kit with 2 in. Stainless Steel Collar, 2 in. EPDM Joint, and 2 in. Stainless Ferrule

08398=A=5310 Mounting Kit with DN 50 Stainless Screw, FKM/FPM DN 50 Joint, DN 50 Stainless Ferrule to Glue (H=35 mm)

08398=A=5320 Mounting Kit with DN 50 Stainless Screw, EPDM DN 50 Joint, and Polypropylene Ferrule to Weld (H=23 mm)

08398=A=6000 Mounting Kit with DN 50 Stainless Screw, EPDM DN 50 Joint, and DN 65/50 T-Piece

08398=A=7000 Mounting Kit with 2 in. Stainless Collar, 2 in. EPDM Joint, and DN 65/50 Stainless T-Piece

08398=A=8200 Mounting Kit with 2 in. Stainless Collar, 2 in. EPDM Joint, and Stainless Flow Chamber (1/4 in. NPT inlet and outlet)

08398=A=8300 Mounting Kit with DN 50 Stainless Screw, EPDM DN 50 Joint, Stainless Flow Chamber (1/4 in NPT inlet and outlet)

08398=A=8310 Mounting Kit with DN 50 Stainless Screw, FKM/FPM DN 50 Joint, and PVC Flow Chamber (1/2 in. Gas inlet and outlet)

08398=A=8320 Mounting Kit with DN 50 Stainless Screw, EPDM DN 50 Joint, and Polypropylene Flow Chamber (1/2 in. Gas inlet and outlet)

08398=A=8330 Mounting Kit with DN 50 Stainless Screw, FKM/FPM DN 50 Joint, and PVDF Flow Chamber (1/2 in. Gas inlet and outlet)

Please visit hach.com for more mounting hardware combinations.

Conductivity Accessories

08398=A=1014 Adapter for 8398 Sensor with DN 65 Polypropylene Immersion Shafts

08398=C=0300 PP Adapter for 8398 to 8350 PP or PDVF Immersion Shafts

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