



## Analog Boiler/Condensate Conductivity Sensor, Cell Constant 5.0, Stainless Steel Body, Stainless Steel HD

**Product #:** 3444D8D  
**ZAR Price:** Contact Hach  
**Call for ship date**

Nominal Cell Constant (K) = 5.0, 3/4 inch male NPT threaded 316 stainless steel body, 316 Stainless Steel Junction Box with 3/4" NPT Conduit Connection - Requires 1W1100 Interconnect Cable, Titanium Electrode

### High Performance Design

These enhanced performance sensors are manufactured to exacting tolerances using high quality, rugged materials for demanding applications including ultra-pure water, clean-in-place (CIP), and boiler/condensate monitoring. Each sensor is tested to determine its unique, absolute four-digit cell constant. Also, each sensor has a Pt 1000 RTD temperature element built into its tip for exceptionally fast response to changes in temperature with  $\pm 0.1^\circ\text{C}$  accuracy.

### Resistivity and Conductivity Measurement Capability

These enhanced performance sensors measure from theoretically pure water ( $0.057\ \mu\text{S}/\text{cm}$  or  $18.2\ \text{M}\Omega$ ) up to  $200,000\ \mu\text{S}/\text{cm}$ . Hach's sc Digital Controllers accept multiple digital sensor inputs, and can be user-set to measure conductivity, resistivity, TDS, salinity, or one of six calculated measurements.

### Versatile Mounting Styles

High pressure and high temperature sensors are designed for monitoring boiler water and condensate in return lines. They have 316 stainless steel electrodes and threaded bodies (3/4-inch male NPT). They can be fastened into a boiler wall using a 3/4-inch weldolet or mounted into a process line using a standard 3/4-inch stainless pipe tee.

### Full-Featured "Plug and Play" Hach sc Digital Controllers

There are no complicated wiring or set up procedures with any Hach sc controller. Just plug in any combination of Hach digital sensors and it's ready to use—it's "plug and play."

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## Specifications

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|---------------------|--|
| Cable Length:       | 20 ft  |
| Cell constant k:    | 5  |
| Digital Gateway:    | 316 Stainless Steel with 3/4" conduit connection   |
| Electrode Material: | Titanium and 316 Stainless Steel                   |
| Installation style: | Boiler/Condensate                                  |
| Junction box:       | 316 ss   |
| Measuring range:    | 0 - 10000 $\mu\text{S}/\text{cm}$                  |
| Sensor Type :       | Analog   |
| Warranty:           | 12 months  |
| What's included?:   | Includes: sensor with 6 m (20 ft) cable and manual |

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## **Required Accessories**

- SC4500 Controller, Prognosys, 5x mA Output, 2 digital Sensors, 100-240 VAC, US plug (Item LXV525.99E11551)
- SC4500 Controller, Prognosys, 5x mA Output, 2 digital Sensors, 100-240 VAC, without power cord (Item LXV525.99A11551)
- SC4500 Controller, Prognosys, 5x mA Output, 1 digital Sensor, 100-240 VAC, without power cord (Item LXV525.99A11501)
- SC4500 Controller, Prognosys, 5x mA Output, 2 digital Sensors, 24 VDC, without plug (Item LXV525.99Z11551)