Analog Boiler/Condensate Sensor, Cell Constant 5.0, Aluminum HD

Product #: 3444D8C

OBSOLETE ITEM
This item is no longer available.

Nominal Cell Constant (K) = 5.0, 3/4 inch male NPT threaded 316 stainless steel body, Aluminum 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 ±0.1ºC accuracy.

Resistivity and Conductivity Measurement Capability
These enhanced performance sensors measure from theoretically pure water (0.057 µS/cm or 18.2 MΩ) up to 200,000 µS/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."

Specifications

Cable Length:	20 ft
Cell constant k:	5
Digital Gateway:	Aluminium
Electrode Material:	Titanium and 316 Stainless Steel
Installation style:	Boiler/Condensate
Junction box:	Aluminium
Measuring range:	0 - 10000 µS/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)