

Analogue Contacting Conductivity Sensor, k=0.05, ¾" NPT Stainless Steel Compression Fitting

Product #: **3422A4A**

ZAR Price: Contact Hach
Call for ship date

Nominal Cell Constant k = 0.05 cm^{-1}, ¾" NPT 316 Stainless Steel Compression Fitting, 6 m (20 ft) Analogue 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 PT1000 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 Digital SC 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
Compression fitting sensors—Feature titanium electrodes and a compression fitting for universal installation with up to 4 inches (102 mm) insertion depth. The ½" or ¾" male NPT compression fittings are offered in PVDF or 316 stainless steel. A longer version of this sensor is available for use with a 316 stainless steel ball valve hardware assembly to insert/retract the sensor from the

process without stopping the flow. The longer version can also be used for insertion through a compression fitting. Maximum insertion depth is 7 inches (178 mm).

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:	6 m
Cell constant k:	0.05 cm^{-1}
Digital Gateway:	None
Electrode Material:	Titanium
Installation style:	Compression
Junction box:	None
Material:	Compression Fitting: 3/4" NPT Stainless Steel
Measuring range:	0 - 100 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)