



## 3798-S sc Digital inductive conductivity sensor, 10m cable

**Product #:** LXV428.99.00001

**ZAR Price:** Contact Hach

**Ships within 3-5 weeks**

Immersion probe with integrated AD electronics, for operation with SC controller.

This instrument connects to Claros, Hach's innovative Water Intelligence System, enabling you to seamlessly connect and manage instruments, data, and process – anywhere, anytime. The result is greater confidence in your data and improved efficiency in your operations. To unlock the full potential of Claros, insist on Claros Enabled instruments.

**Proven sensor with digital technology**

**Inductive sensor for heavily soiled media**

**Factory-calibrated**

**Plug and play with SC controllers**

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### Specifications

Accuracy:	±1% of actual value or ±0.004 mS/cm whichever is greater
Cable Length:	10 m hard wired, Polyurethane
Calibration Method:	Zero value calibration in air. 1-point calibration with defined resistance or with standard solution
Cell constant k:	2.35 cm <sup>-1</sup>
Certifications:	CE (incl. RoHS)
Diameter:	43 mm
Enclosure rating:	IP68
Flow:	< 4 m/s
Interface:	Modbus
Length:	370 mm
Maintenance Interval:	2 years or after 1000 hours change of sealing
Material:	Stainless steel metal housing, PEEK, Polyurethane, PPS
Measuring range:	250 µS/cm - 2500 mS/cm
Operating temperature range:	-20 - 50 °C
Pressure Range:	Max. 20 m immersion depth
Reproducibility:	< 0.2%

Response Time T90:	< 2 s
Sensor Immersion Depth:	20 m / 2 bar
Sensor Thread:	1" NPT outer thread
Storage conditions:	-20 °C - 60 °C, 95% relative humidity (non-condensing)
Temperature Accuracy:	±0.2 °C
Temperature Compensation:	Automatic or manual
Warranty:	12 months
Weight:	< 1 kg
What's included?:	Includes: sensor with cable and manual

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**Required Accessories**

- SC1000 Display Module, Multi-Parameter Universal Controller (Item LXV402.99.00002)
- SC1000 Probe Module, 6 Sensor Connectors, Prognosys, Modbus 485, 100-240 VAC with Conduits (Item LXV400.99.1H082)
- SC1000 Probe Module, 8 Sensor Connectors, Prognosys, 100-240 VAC with Conduits (Item LXV400.99.1G092)
- SC1500 Controller, 6 Sensor Connectors, 8Ma Out, 110V/Cond Ext MOD (Item LXV446.99.103N1)
- SC1500 Controller, 6 Sensor Connectors, 8Ma Out, 110V/Cond 4 Relay/C Ext MOD (Item LXV446.99.1R3S1)
- 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)