



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

Product #: LXV428.99.00001
AED Price: Contact Hach

3798-S sc: digital inductive conductivity sensor

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

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:	2.35 cm ⁻¹
Certifications:	CE (incl. RoHS)
Diameter:	43 mm
Enclosure waterproof rating:	IP68
Flow:	< 4 m/s
Immersion depth:	20 m / 2 bar
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:	< 2 s
Sensor thread:	1" NPT outer thread
Storage conditions:	-20 °C - 60 °C
Temperature accuracy:	±0.2 °C
Temperature compensation:	Automatic or manual
Warranty:	24 months
Weight:	< 1 kg
Wetted Materials:	PEEK
What's included?:	Includes: sensor with cable and manual

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Required Accessories

- SC1000 Probe Module, 4 Sensor Connectors, 4 mA Output, 4 Relays, 100-240 VAC, with EU plug (Item LXV400.99.2R121)
- SC1000 Display Module (Item LXV402.99.00001)
- 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)