Solitax t-line sc Turbidity immersion probe, 0.001 - 4000 NTU, w/o wiper, PVC

Product #:　　　　　　　　　　　LXV423.99.12000

ZAR Price:　　　　　　　　　　　　Contact Hach

Ships within 3-5 weeks

High-precision process turbidity probe according to DIN EN ISO 7027

High-precision PVC process turbidity probe. 90° turbidity measurement according to DIN EN ISO 7027. Time-consuming multipoint calibrations with dilution series are replaced by a single correction factor.

The measurement data is displayed and processed with the help of a controller.

Turbidity measurement performance certified according to MCERTs regulation

Prognosys is a predictive diagnostic system that allows you to be proactive in your maintenance, by alerting you to upcoming instrument issues. Know with confidence whether changes in your measurements are due to changes in your instrument or your water.

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.

Greater accuracy, less maintenance
Hach Solitax sc sensors provide accurate, colour-independent measurement of turbidity and suspended solids in drinking water, wastewater and industrial process applications. A self-cleaning device prevents biological growth and interference of gas bubbles. This system's reliable performance and full data communication capability help improve process control and reduce treatment costs associated with polymer use, digester volume, and sludge handling.

Excellent correlation to laboratory analysis
Solitax sc sensors show an exceptional correlation to laboratory analysis. On-line measurement not only saves time on manual analysis, but also provides critical real-time measurements that can be used to operate the plant more efficiently.

Fully serviceable sensors
Conventional turbidity and suspended solids sensors are potted and are discarded when they no longer function. Solitax sc sensors are fully serviceable, which often doubles the useful life of the sensor.

Easy one-point calibration
Factory calibrated in conformity with DIN EN ISO 7027 for long-term calibration stability. Calibration is easy with a simple correction factor procedure.

Multi-channel, multi-parameter system
Multiple Solitax sc sensors can be installed on one Hach SC Controller. The same controller can also accommodate any combination of parameters. All of Hach's model sc sensors are "plug and play" with no complicated wiring or set-up procedure necessary.

Specifications

Accuracy:	Turbidity up to 1000 NTU:
	without calibration < 5% of the measured value ±0.01 NTU
	with calibration < 1% of the measured value ±0.01 NTU
Automatic Wiper:	No
Body Material:	PVC
Cable Length:	10 m (optional extension cables available)
Calibration Method:	Formazin or Stablcal Standard (at 800 NTU)
Certifications:	CE
Controller:	Sensor only
Diameter Sensor:	60 mm
Flow:	Max. 3 m/s (the presence of air bubbles affects the measurement)
Length:	200 mm
Maintenance Interval:	1 h/month
Material:	Optics carrier and sleeve: PVC black
Max. cable length Sensor-to-Controller:	100 m
Measuring Principle:	Infrared Duo scattered light technique for colour-independent turbidity measurement
	Turbidity in accordance with DIN EN ISO 7027
Measuring range:	Turbidity: 0.001 - 4000 NTU
Model:	Solitax t-line sc
Mounting:	Immersion
Operating temperature range:	0 - 40 °C
Parameter:	Turbidity
Pressure Range:	PVC: <1 bar or <10 m
Repeatability:	Turbidity: < 1 %
Response Time T90:	1 - 300 s adjustable
Warranty:	12 months
Weight:	0.52 kg
What's included?:	Turbidity probe, user manual

What's included?

Turbidity probe, user manual

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)