

Solitax ts-line sc Turbidity (0.001-4000 NTU) and Suspended Solids (0.001-50 g/L) immersion probe, with wiper, stainless steel

Številka izdelka: **LXV423.99.00100**

EUR Cena: Kontakt
Odprema v 1 tednu

Accurate, colour-independent suspended solids and turbidity measurements

High-precision process probe to determine turbidity and suspended solids. Colour independent method with a dual-beam infrared/scattered light photometer.

90° turbidity measurement according to DIN EN ISO 7027. The backscatter photoreceptor measures suspended solids accurately in accordance with DIN 37414. A single correction factor replaces time-consuming multipoint calibrations with dilution series. 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.

Specifikacije

Avtomatsko čiščenje:	Da
Body Material:	Stainless Steel
Certificiranje:	CE
Delovna temperatura:	0 - 40 °C
Dolžina:	200 mm
Dolžina kabla:	10 m (optional extension cables available)
Garancija:	24 mesecev
Kontrolna enota:	Sensor only
Maks. dolžina kabla med senzorjem in kontrolno enoto:	100 m
Material:	Optics carrier and sleeve: PVC black Wiper arm: stainless steel 1.4581 Wiper rubber: silicone rubber (standard) Optional: FKM/FPM (LZX578) Wiper shaft: stainless steel 1.4571
Merilno načelo:	Infrared Duo scattered light technique for colour-independent turbidity measurement Turbidity in accordance with DIN EN ISO 7027 / TSS equivalent DIN 38414
Merilno območje:	TSS content: 0.001 mg/L - 50 g/L Turbidity: 0.001 - 4000 NTU
Model:	Solitax ts-line sc
Način montaže:	Immersion
Natančnost:	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
Območje tlaka:	Stainless steel immersion sensor: <6 bar or <60 m
Odzivni čas T90:	1 - 300 s adjustable
Parameter:	Suspended Solids, Turbidity
Ponovljivost:	TSS content: < 3 % Turbidity: < 1 %
Premer: senzor:	60 mm
Pretok:	Max. 3 m/s (the presence of air bubbles affects the measurement)
Servisni interval:	1 h/mesec
Teža:	1,38 kg
Umertivena metoda:	Turbidity: Formazin or Stablcal Standard (at 800 NTU). Suspended Solids: Sample specific, based on gravimetric TSS analysis with a correction factor procedure.
Vsebina paketa:	Turbidity/Suspended Solids probe, user manual

Vsebina paketa

Turbidity/Suspended Solids probe, user manual

Obvezni pripomočki

- Kontrolna enota SC4500, Prognosys, 5 izhodov mA, 2 digitalna senzorja, brez vtiča (Item LXV525.99A11551)
- Kontrolna enota SC4500, podpora za Claros, 5 izhodov mA, 2 digitalna senzorja, brez vtiča (Item LXV525.99AA1551)
- Kontrolna enota SC4500, podpora za Claros, 5 izhodov mA, 2 digitalna senzorja, vtič za EU (Item LXV525.99CA1551)