



Solitax hs-line sc Turbidity (0.001-4000 NTU) and Suspended Solids (0.001-500 g/L) immersion probe, with wiper, stainless steel

Продукт №: LXV423.99.00200

BGN Цена: Свържете се с нас

Доставка до 1 седмица

Accurate, colour-independent suspended solids and turbidity measurements

Stainless steel high-precision process probe to measure turbidity and suspended solids. Colour independent method with dual-beam infrared/scattered light photometer.

90° turbidity measurement according to DIN EN ISO 7027. Backscatter photoreceptor to measure suspended solids accurately equivalent to DIN 37414. 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. In short: Advantages that are long-lasting and economically efficient.

Turbidity measurement performance certified according to MCERTs regulation.

Prognosys ensures confidence in your instrument readings. Prognosys will monitor, provide reliable instrument measurement values and identify when upcoming maintenance tasks are due in an easy-to-read colour display.

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.

Спецификации

Body Material: Stainless Steel

Автоматичен плъзгач:	Да
Време за отговор T90:	1 - 300 s adjustable
Гаранция:	24 месеца
Диаметър: датчик:	60 mm
Диапазон на налягането:	Stainless steel immersion sensor: <6 bar or <60 m
Дължина:	200 mm
Дължина на кабела:	10 m (optional extension cables available)
Измерване, диапазон:	ts съдържание: 0,001 - 500 g/L; 0,001 - 500,000 mg/L
	мътност: 0,001 - 4000 NTU
Измерване, принцип:	Infrared Duo scattered light technique for colour-independent turbidity measurement
	Turbidity in accordance with DIN EN ISO 7027 / TSS equivalent DIN 38414
Какво има в кутията:	Turbidity/Suspended Solids probe, user manual
Контролер:	Sensor only
Максимална дължина на кабела от датчика до контролера:	100 m
Материал:	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
Метод на калибриране:	Turbidity: Formazin or Stablcal Standard (at 800 NTU).
	Suspended Solids: Sample specific, based on gravimetric TSS analysis with a correction factor procedure.
Модел:	Solitax hs-line sc
Монтаж, вид:	Immersion
Параметър:	High Range Suspended Solids, Turbidity
Повторяемост:	ts съдържание: < 3 %
	мътност: < 1 %
Поток:	Max. 3 m/s (the presence of air bubbles affects the measurement)
Работен температурен диапазон:	0 - 40 °C
Сертификати:	CE
Тегло:	1,38 kg
Техническо обслужване, интервал:	1 h/Месец
Точност:	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

Какво има в кутията

Turbidity/Suspended Solids probe, user manual

Задължителни аксесоари

- Контролер SC4500, Prognosys, 5 изхода за mA, 2 цифрови сензора, 100 - 240 VAC, без захранващ кабел (Item LXV525.99A11551)
- Контролер SC4500, може да работи с Claros, 5 изхода за mA, 2 цифрови сензора, 100 - 240 VAC, без захранващ кабел (Item LXV525.99AA1551)
- Контролер SC4500, може да работи с Claros, 5 изхода за mA, 2 цифрови сензора, 100 - 240 VAC, щепсел по стандарт на ЕС (Item LXV525.99CA1551)
- Контролер SC4500, Prognosys, 5 x mA изход, 1 цифров сензор, 100 - 240 VAC, без захранващ кабел (Item LXV525.99A11501)
- Контролер SC4500, Prognosys, 5 x mA изход, 2 цифрови сензора, 24 VDC, без щепсел (Item LXV525.99Z11551)