



## **Solitax inline sc Turbidity (0.001-4000 NTU) and Suspended Solids (0.001-50 g/L) built-in probe, with wiper, stainless steel**

**Продукт №:**

**LXV424.99.00100**

**BGN Цена:**

**Свържете се с нас**

**Доставка до 1 седмица**

### **Accurate, colour-independent suspended solids and turbidity measurements**

Stainless steel high-precision built-in process probe to determine turbidity and suspended solids. Colour independent method with 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. The sensor is for pipe use only! A welding neck and a fitting are essential for pipe installation.

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.

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 insertion sensor: <6 bar or <60 m
Дължина:	315 mm
Дължина на кабела:	10 m (optional extension cables available)
Измерване, диапазон:	ts съдържание: 0,001 - 50 g/L; 0,001 - 50,000 mg/L
	мътност: 0,001 - 4000 NTU
Измерване, принцип:	Infrared Duo scattered light technique for color-independent turbidity measurement Turbidity in accordance with DIN EN ISO 7027 / TS 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 inline sc
Монтаж, вид:	Insertion
Обем на доставката:	Датчик мутности/взвешенных веществ, руководство пользователя
Параметър:	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
Специални бележки:	Installation note: Distance sensor–wall > 50 cm (Turbidity)
Тегло:	2,4 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

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## Какво има в кутията

Turbidity/Suspended Solids probe, user manual

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## 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)