



SOLITAX highline sc Suspended Solids built-in probe, wiper, stainless steel

Proizvod #:	LXV424.99.00200
EUR Cijena:	Kontaktirajte nas
Otprema unutar 1 tjedna	

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.

Specifikacije

Automatsko brisanje:	Da
Body Material:	Stainless Steel
Certificiranje:	CE
Duljina:	315 mm
Duljina kabla:	10 m (optional extension cables available)
Garancija:	24 mjeseci
Interval održavanja:	1 h/month
Klasa kućišta:	IP68
Kompatibilnost kontrolera:	SC4500, SC1000, SC200
Kontroler:	Sensor only
Masa:	Insertion stainless steel: 2.4 kg (5.29 lb.)
Materijal:	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
Max dužina kabela senzor-kontroler:	100 m
Measuring range turbidity:	0,001 - 4000 NTU
Metoda kalibracije:	Turbidity: Formazin or Stablcal Standard (at 800 NTU).
	Suspended Solids: Sample specific, based on gravimetric TSS analysis with a correction factor procedure.
Mjerni rang:	TSS-content: 0.001 - 500 g/L; 0.001 - 500,000 mg/L (the upper range is dependent on the sample property)
	Turbidity: 0.001 - 4000 NTU
Mjerno načelo:	Infrared Duo scattered light technique for colour-independent turbidity measurement
	Turbidity in accordance with DIN EN ISO 7027 / TSS equivalent DIN 38414
Model:	Solitax highline sc
Način montaže:	Insertion
Parametar:	High Range Suspended Solids, Turbidity
Posebne napomene:	Installation note:
	Distance sensor–wall
	> 50 cm (Turbidity)
Promjer: senzor:	60 mm
Protok:	Max. 3 m/s (the presence of air bubbles affects the measurement)
Radna temperatura:	0 - 40 °C
Rang tlaka:	Stainless steel insertion sensor: <6 bar or <60 m
Repeatability:	Turbidity: < 1%
Što je u pretincu:	Turbidity/Suspended Solids probe, user manual
Točnost:	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

Što je u pretincu

Turbidity/Suspended Solids probe, user manual

Potrebni dodaci

- Kontroler SC4500, Prognosys, 5x mA izlaz, 2 digitalna senzora, 100 - 240 VAC, bez kabela napajanja (Item LXV525.99A11551)
- Kontroler SC4500, omogućen sustav Claros, 5x mA izlaz, 2 digitalna senzora, 100 - 240 VAC, bez kabela napajanja (Item LXV525.99AA1551)
- Kontroler SC4500, omogućen sustav Claros, 5x mA izlaz, 2 digitalna senzora, 100 - 240 VAC, EU utikač (Item LXV525.99CA1551)
- Kontroler SC4500, Prognosys, 5x mA izlaz, 1 digitalni senzor, 100 - 240 VAC, bez kabela napajanja (Item LXV525.99A11501)
- Kontroler SC4500, Prognosys, 5x mA izlaz, 2 digitalna senzora, 24 VDC, bez utikača (Item LXV525.99Z11551)