

Solitax highline sc Turbidity (0.001-4000 NTU) and Suspended Solids (0.001-500 g/L) built-in probe, w/o wiper, stainless steel

Produktnr: **LXV424.99.02200**

SEK Pris: Kontakta oss
Skickas inom 1 vecka

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.

Specifikationer

Automatisk Torkare:	Nej
Body Material:	Stainless Steel
Certifieringar :	CE
Diameter: givare:	60 mm
Flöde:	Max. 3 m/s (the presence of air bubbles affects the measurement)
Garanti :	24 månader
Instrument:	Sensor only
Kabellängd:	10 m (optional extension cables available)
Kalibreringsmetod :	Turbidity: Formazin or Stablcal Standard (at 800 NTU). Suspended Solids: Sample specific, based on gravimetric TSS analysis with a correction factor procedure.
Längd:	315 mm
Material:	Optics carrier and sleeve: stainless steel 1.4571
Mätområde:	torrsubstanshalt: 0,001 - 500 g/L; 0,001 - 500,000 mg/L turbiditet: 0,001 - 4000 NTU
Mätprincip:	Infrared Duo scattered light technique for colour-independent turbidity measurement Turbidity in accordance with DIN EN ISO 7027 / TSS equivalent DIN 38414
Max. kabellängd mellan givare och instrument:	100 m
Modell:	Solitax highline sc
Monteringsform:	Insertion
Noggrannhet:	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
Omgivningstemperatur:	0 - 40 °C
Parameter:	High Range Suspended Solids, Turbidity
Repeterbarhet:	torrsubstanshalt: < 3 % turbiditet: < 1 %
Responstid T90:	1 - 300 s Justerbart
Specialkommentarer:	Installation note: Distance sensor-wall > 50 cm (Turbidity)
Tryckområde:	Stainless steel insertion sensor: <6 bar or <60 m
Underhållsintervall:	1 h/månad
Vad ingår i leveransen:	Turbidity/Suspended Solids probe, user manual
Vikt :	Insertion stainless steel: 2,4 kg

Vad finns i förpackningen

Turbidity/Suspended Solids probe, user manual

Obligatoriska tillbehör

- SC4500-styrenhet, Prognosys, 5x mA-utgång, 2 digitala givare, 100 - 240 VAC, utan nätsladd (Item LXV525.99A11551)
- SC4500-styrenhet, Claros-kompatibel, 5x mA-utgång, 2 digitala givare, 100 - 240 VAC, utan nätsladd (Item LXV525.99AA1551)
- SC4500-styrenhet, Claros-kompatibel, 5x mA-utgång, 2 digitala givare, 100 - 240 VAC, EU-stickkontakt (Item LXV525.99CA1551)
- SC4500-styrenhet, Prognosys, 5x mA-utgång, 1 digital givare, 100 - 240 VAC, utan nätsladd (Item LXV525.99A11501)
- SC4500-styrenhet, Prognosys, 5x mA-utgång, 2 digitala givare, 24 VDC, utan stickkontakt (Item LXV525.99Z11551)