



TSS Titanium7 sc Suspended solids probe, titanium, immersion style, seawater

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SEK Pris: Kontakta oss
Skickas inom 2 veckor

Titanium housing for use in strongly saline media: TSS TITANIUM7 sc

Digital process probe for turbidity and suspended solids measurements. Suitable for seawater and strongly saline media. Installation in open basins and channels.

The TSS sc probes can measure both on-line

suspended solids and turbidity in one instrument. This flexibility enables the measurement of both parameters under the same application.

They have a double optical system with two pulsating infrared LEDs and four receivers. As the transmitted light is scattered, the receivers pick up the incident light at 90° and 120° angles effectively doubling the accuracy of the instrument. This eight channel measurement system, with an integrated bubble and temperature compensating software, enables the instrument to have a wide measuring range that effectively covers most applications, from the darkest pre-treated water to the freshest of spring waters, with one instrument.

TSS sc titanium probes are used for all applications in which aggressive media can attack stainless steel. TSS TITANIUM7 sc is especially suitable for seawater. The probe is used in seawater desalination plants or

in measuring stations that come into contact with seawater.

TSS sc probes have been specially developed for industrial applications

Measures both turbidity and suspended solids

8 measurement signals cover the total range and deliver measured values in conformity with the relevant standards

Excellent stability thanks to comprehensive compensation for interference factors

TSS sc has a unique compensation system to overcome the effects of air bubbles

Specifikationer

Applikation:	Titanium7 Corrosive Environments
Automatisk Torkare:	Nej
Diameter:	40 mm
Flöde:	Max. 3 m/s (the presence of air bubbles affects the measurement)
Garanti :	24 månader
Installation:	User Defined
Instrumentkompatibilitet:	SC200, SC1000, SC4500. All controllers sold separately
Kabellängd:	10 m (optional extension cables available)
Kalibrering:	Turbidity (TRB): Factory calibrated
	Solids (TS): To be calibrated by customer on site

	Zero point: Permanently calibrated in the factory
Kalibreringsmetod :	Turbidity: Formazin or Stablcal Standard (at 800 NTU). Requires a calibration kit.
	Suspended Solids: Sample specific, based on gravimetric analysis with a correction factor procedure.
Längd:	330 mm
Material:	Gasket: FKM; Wiper: PA (GF), TPV
Mätmetod:	Kombinerad ljusteknik med strålväxling, IR-diodsystem och strålfokusering
	Turbiditet (TRB): Mätning med 2 kanaler 90° spritt ljus i enlighet med DIN/EN 27027/ISO 7027, våglängd = 860 nm Suspenderade ämnen (TS, torrsubstans): Mätning av 120° spritt ljus, våglängd = 860 nm
Mätområde:	Turbiditet: (TRB): 0,001 à 9999 FNU Suspenderade ämnen (TS): 0.001 à 500 g/L
Max Temperatur:	60 °C
Modell:	TSS Titanium7 sc
Monteringskonfigurationer:	Immersion
Noggrannhet:	Turbidity up to 1000 NTU: < 5 % of measurement value or ± 0.01 NTU, whichever is greater NTU: 5 % of measured value or ± 0.01 NTU, whichever is greater
Omgivningstemperatur:	0 - 60 °C (briefly 80 °C)
Parameter:	Turbidity, Suspended Solids
Repeterbarhet:	TS-halt: < 4 % Turbiditet: < 3 %
Responstid T90:	1 - 300 s Justerbart
Specialkommentarer:	Installation note: Distance sensor–wall > 50 cm (Turbidity) > 10 cm (TSS)
Tryckområde:	<lte/> 10 bar or <lte/> 100 m
Underhållsintervall:	1 h/månad
Vad ingår i leveransen:	Turbidity & Suspended Solids sensor, user manual
Vikt :	1,6 kg

Vad finns i förpackningen

Turbidity & Suspended Solids sensor, 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)