



TSS Titanium2 sc Suspended solids probe, titanium, immersion style, aggressive media

Продукт №: LXV329.99.10001

BGN Цена: Свържете се с нас

Доставка до 1 седмица

Titanium housing for use in aggressive media: TSS TITANIUM2 sc

Digital process probe for turbidity and suspended solids measurements. For use in aggressive fluids. 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 TITANIUM2 sc is resistant to many organic and inorganic acids, lyes and chloride-containing solutions.

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

Спецификации

Measuring range turbidity:	0,001 - 9999 FNU
Автоматичен плъзгач:	не
Вид инсталация:	User Defined
Време за отговор T90:	1 - 300 s adjustable
Гаранция:	24 месеца
Диаметър:	40 mm
Диапазон на налягането:	<lte/> 10 bar or <lte/> 100 m
Дължина:	330 mm
Дължина на кабела:	10 m (optional extension cables available)

Измерване метод:	Combined multiple beam alternating light method with infrared diode system and beam focusing
	<i>Turbidity</i> (TRB): 2-channel 90° scattered light measurement in accordance with DIN EN ISO 7027, wavelength = 860 nm
	<i>Solids</i> (TS): 90° and 120° scattered light measurement, wavelength = 860 nm
Измерване, диапазон:	Turbidity (TRB): 0.001 - 9999 NTU
	Solids (TSS): 0.001 - 500 g/L
Какво има в кутията:	Turbidity & Suspended Solids sensor, user manual
Калибриране:	Turbidity (TRB): Factory calibrated
	Solids (TS): To be calibrated by customer on site
	Zero point: Permanently calibrated in the factory
Контролер, съвместимост:	SC200, SC1000, SC4500. All controllers sold separately
Максимална температура:	60 °C
Материал:	Gasket: FKM; Wiper: PA (GF), TPV
Метод на калибриране:	Turbidity: Formazin or Stabcal Standard (at 800 NTU). Requires a calibration kit.
	Suspended Solids: Sample specific, based on gravimetric analysis with a correction factor procedure.
Модел:	TSS Titanium2 sc
Монтажни конфигурации:	Immersion
Околна температура:	0 - 60 °C (briefly 80 °C)
Параметър:	Turbidity, Suspended Solids
Повторяемост:	TSS content: < 4 %
	Turbidity: < 3 %
Поток:	Max. 3 m/s (the presence of air bubbles affects the measurement)
Приложение:	Titanium2 Corrosive Environments
Работен температурен диапазон:	0 - 60 °C
Специални бележки:	Installation note:
	Distance sensor–wall
	> 50 cm (Turbidity)
	> 10 cm (TSS)
Тегло:	approx. 1.6 kg
Техническо обслужване, интервал:	1 h/Месец
Точност:	Turbidity up to 1000 FNU/NTU: < 5 % of the measured value ±0.01 NTU

Какво има в кутията

Turbidity & Suspended Solids sensor, 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)