



TSS HT sc Triclamp Suspended solids probe, stainless steel, for high temperatures, ball valve fitting

Продукт №: LXV325.99.20001

BGN Цена: Свържете се с нас

Доставка до 2 седмици

For use at temperatures up to 90 °C: TSS HT sc

Digital process probe for turbidity and suspended solids measurements. For use in high temperature range. Installation in tanks and closed vessels with a welded TRICLAMP branch piece.

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 HT sc optics and electrical systems are coated with a special material to withstand operating temperatures of 90°C and pressures of up to 10 bar. The ability to withstand these conditions without the hassle of flow-through cells or cooling lines makes it the probe of choice for process control.

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:	Weld On TriClamp Fitting, High Temperature
Време за отговор T90:	1 - 300 s adjustable
Гаранция:	24 месеца
Диаметър:	40 mm
Диапазон на налягането:	< 10 bar or < 100 m
Дължина:	Inline sensor (TriClamp): 332 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

	Turbidity (TRB): 2-channel 90° scattered light measurement in accordance with DIN EN ISO 7027, wavelength = 860 nm
	Solids (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:	90 °C
Материал:	Gasket: FKM; Wiper: PA (GF), TPV
Метод на калибриране:	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.
Модел:	TSS HT sc
Монтажни конфигурации:	TriClamp
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:	High temperature
Работен температурен диапазон:	0 - 90 °C
Специална функция:	with Triclamp
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)