



Be Right™



Sonatax sc Sludge Level Sensor with magnetic coupled wiper, stainless steel body

Številka izdelka: LXV431.99.00001
EUR Cena: Kontakt
Odprema v 1 tednu

The superior way of measuring sludge levels: Sonatax sc process probe

The probe uses an ultrasonic pulse to measure the sludge level. To ensure the greatest possible accuracy, the sensitivity adjusts automatically to fluctuating solids concentration and sludge profile.

An ultrasonic signal sent from the probe is directed towards the sludge blanket in the tank. Height and depth measurements are based on the time it takes for the ultrasonic echo to return to the probe and are displayed on a controller.

Efficient automatic wiper system to keep the ultrasonic head clean. The process probe is factory calibrated for long-term calibration stability. A simple correction factor allows adjustment to local conditions.

The sludge level in a wide range of applications in wastewater and drinking water treatment plants can be determined. Ideal for monitoring the solid/liquid interface. Structures (pipes, agitators, etc.) in the tanks can be accounted for.

This instrument connects to Claros, Hach's innovative Water Intelligence System, enabling you to seamlessly connect and manage instruments, data, and process – anywhere, anytime. The result is greater confidence in your data and improved efficiency in your operations. To unlock the full potential of Claros, insist on Claros Enabled instruments.

Safe: Early warning system guards against sludge loss

Determined: measured values are independent of solids content and water temperature

Precise: superior accuracy with automatic frequency adjustment

Reliable: correct measured values even with fluctuating profiles

Clear: graphic representation of sludge profile with SC1000 Controller

Specifikacije

Certificiranje:	CE certified to EN 61326-1:1998 /A1/A2/A3 & EN 61010-1:2001
Configurations:	Sensor only
Delovna temperatura:	0 - 50 °C
Dimenzija (d x g):	185 mm x 130 mm
Dolžina:	130 mm
Dolžina kabla:	10 m (optional extension cables available)
Garancija:	24 mesecev

Konfiguracija montaže:	Fixed pole mount, pivot mount or chain mount
Kontrolna enota:	SC200, SC1000
Material:	POM: Wiper Magnet Encapsulating Compound: Epoxy resin; Wiper Rubber: Silicone rubber
Merilno načelo:	Ultrasonic measurement
Merilno območje:	0.2 - 12 m sludge level
Napetost (V):	12 V, 2.4 W, provided by SC controller
Natančnost:	0,1 m
Območje tlaka:	≤ 0,3 bar ali ≤ 3 m
Odzivni čas :	10 - 600 s
Parameter:	Sludge level Sludge height
Pretok:	Max. 3 m/s (the presence of air bubbles affects the measurement)
Resolucija:	0.03 m sludge level
Servisni interval:	< 1 h/month typical
Temperaturna kompenzacija:	Automatic
Teža senzorja:	3.5 kg
Umeritev:	Factory calibrated
Umertivena metoda:	One-off on commissioning, automatic
Vsebina paketa:	Sludge Level probe, user manual
Zaščita ohišja:	IP68

Vsebina paketa

Sludge Level probe, user manual

Obvezni pripomočki

- Kontrolna enota SC4500, Prognosys, 5 izhodov mA, 2 digitalna senzorja, brez vtiča (Item LXV525.99A11551)
- Kontrolna enota SC4500, podpora za Claros, 5 izhodov mA, 2 digitalna senzorja, brez vtiča (Item LXV525.99AA1551)
- Kontrolna enota SC4500, podpora za Claros, 5 izhodov mA, 2 digitalna senzorja, vtič za EU (Item LXV525.99CA1551)