

# Nivobob<sup>®</sup> 3300 / 3400

### Interface measurement of sediments in liquids

The electromechanical level measuring instrument Nivobob® 3300/3400 detects the level of sludge and solids in liquids e.g. stones, sand, salt, bed ash, etc. - very precise, even suitable for corrosive liquids.

CE

SOLUTIONS

GUARANTER

PR PEARS

## Nivobob<sup>®</sup> 3300/3400

## Interface measurement



- Simple installation and commissioning
- Measures almost all interfaces of sludge and solids
- High corrosion resistance through high-quality coatings
- Extra long lifetime due to brushless motor

**Application:** The Nivobob<sup>®</sup> 3300/3400 is suitable for measurements of sediment levels in liquids. The applications range from sludge level measurements in settling tanks of lime and gravel plants to interface measurements of salt in water.

#### NB 3300

**Interface measurement of sludge** The sensitivity can be adjusted exactly to the consistency of the sludge by coarse and fine adjustment. Parts in contact with the process are plastic coated.



#### NB 3400

**Interface measurement of solids** The resistant tape version fits perfect for applications under extreme conditions and guarantees an extraordinary long lifetime.



#### Technical Data

Model	NB 3300 / 3400
Electronics	Processor-controlled; menu-driven parameter input via display, buttons
Housing	Aluminium IP 66 (Type 4)
Pressure	Max. +1.7 bar (+25 psi)
Supply	AC version 98253V 50-60Hz
voltage	DC version 2028V
Measuring	NB 3300 max. 30m
range	NB 3400 max. 40m
Signal output/	0/4-20mA; Relais counting pulse;
Communication	Modbus RTU; Profibus DP
Approvals	CE; FM general purpose
Process	-40°C up to +80°C
temperature	(-40°F up to + 176°F)
Process	Flansch DN 100 PN16
connection	Flansch 4 inch 150lbs

#### Electromechanical operating principl

View rope/tape chamber

View electronic chamber





#### Sensor weights

#### **NB 3300** The sensitivity of the measurement is adjusted inside the sensor weight with PVC plastic and stainless steel discs for the precise interface.



**NB 3400** The robust sensor weight with a pin of stainless steel measures accurately the surface of solid interfaces.



SOLUTIONS

UWT GmbH · Westendstr. 5 87488 Betzigau · Germany Tel.: +49 (0) 831/57 123-0 Fax: +49 (0) 831/57 123-10

0 www.uwt.eu 0 info@uwt.eu