



**6** YEARS  
GUARANTEE  
APPROVED  
QUALITY

# NivoBob<sup>®</sup> 3000

## Microprocessor controlled level measuring system

The multifunctional unit for discontinuous level monitoring in bulk goods and for interface applications – very precise, even suitable for problematic media, also for use in hazardous locations

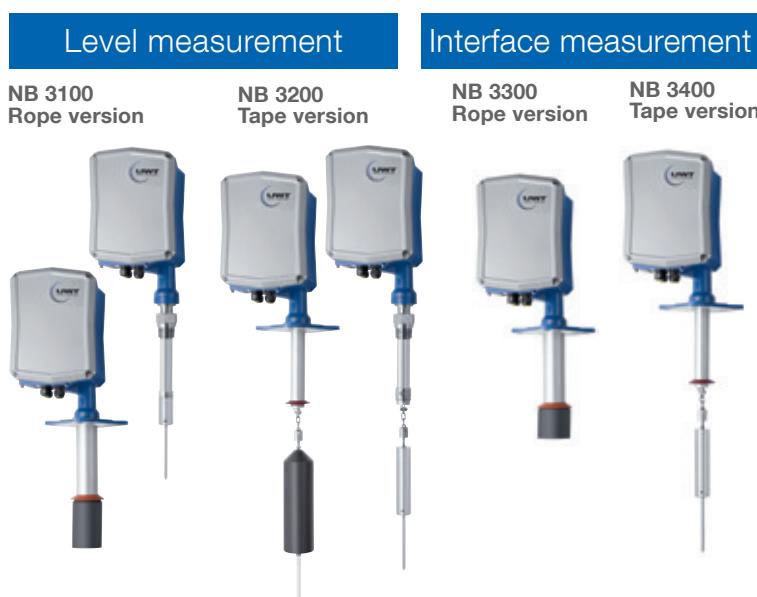


# NivoBob® 3000



- Microprocessor controlled measurement, intelligent monitoring
- Easy installation; variety of process connections (flange and thread)
- Unaffected by material properties such as conductivity, dust, di-electricity

**Application:** NivoBob® is used for discontinuous level measurement in silos and vessels. It provides extremely reliable measuring results in solids as well as in interface applications. NivoBob® offers different output signals: 0/4-20mA or communication via Modbus or Profibus DP.



Technical Data		
<b>Model</b>	<b>NB 3100 / 3200</b>	<b>NB 3300 / 3400</b>
<b>Housing</b>	Aluminium IP66 (Type 4)	
<b>Pressure</b>	Max. +1.7 bar (+25 psi)	
<b>Supply voltage</b>	AC version: 98...253 V 50-60 Hz DC version: 20...28 V	
<b>Measuring range</b>	Rope version max. 30 m; tape version max. 50 m	
<b>Signal output/ Communication</b>	0/4-20mA; relay counting pulse; Modbus; Profibus DP	
<b>Certificates</b>	ATEX, FM, TR-CU (Dust explosion-proof)	CE; FM general purpose
<b>Process temperature</b>	-40°C up to +250°C (-40°F up to +482°F)	-40°C up to +80°C (-40°F up to +176°F)
<b>Sensitivity</b>	From 20 g/l (1.2 lb/ft³) depending on sensor weight	
<b>Process connection</b>	Flange DN100 PN16 Flange 4" 150 lbs Flange 2" and 3" 150 lbs Thread R 1½" Thread NPT 1½" Thread NPT 3"	Flange DN100 PN16 Flange 4" 150 lbs

