

UWT

LEVEL. UP TO THE MAX.



6 YEARS
GUARANTEE
APPROVED
QUALITY

NivoBob® 3000

ELECTROMECHANICAL PLUMB BOB

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® 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: 0/4-20 mA or communication via Modbus or Profibus DP.



NivoBob® 3000



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

Level measurement

NB 3100
Rope



NB 3200
Tape



Interface measurement

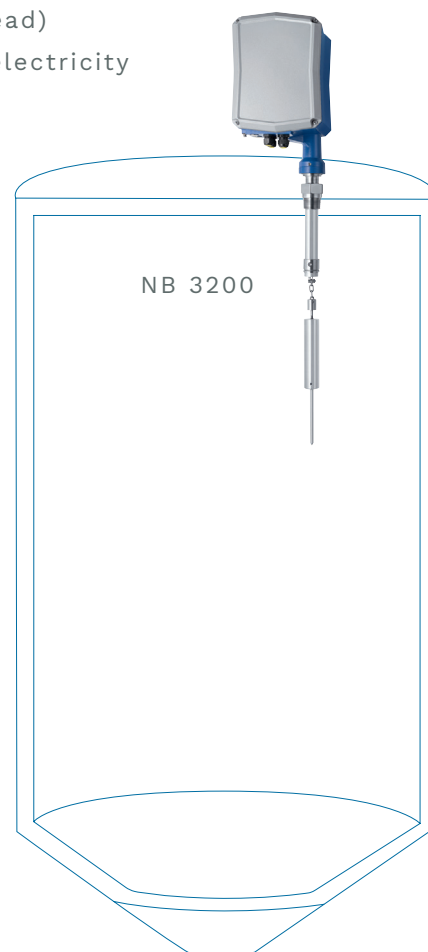
NB 3300
Rope



NB 3400
Tap



NB 3200

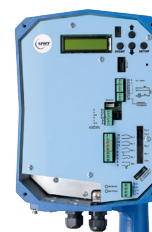


TECHNICAL DATA

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



View rope/tape
chamber



View electronic
chamber

Different sensor weights

