



Nivobob[®] 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

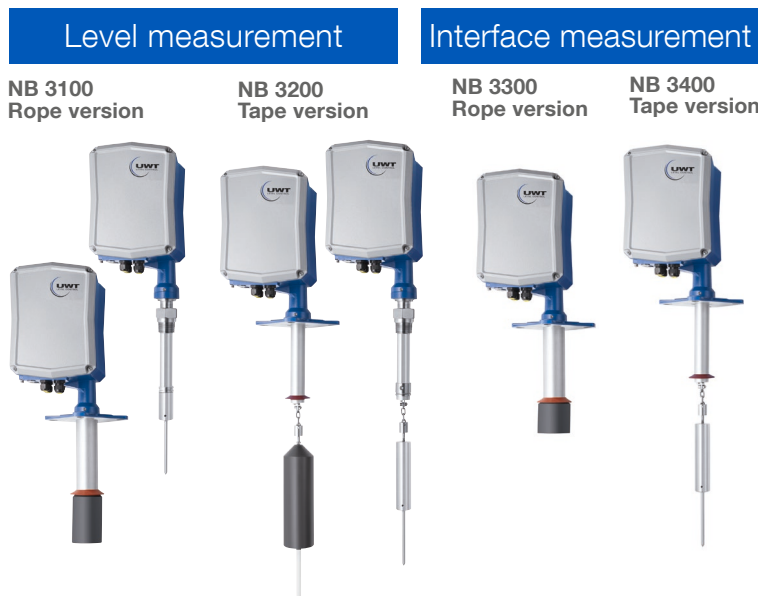


Nivobob® 3000



- 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

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 version max. 30 m; tape version max. 50 m	
Signal output/ Communication	0/4-20 mA; relay counting pulse; Modbus; Profibus DP	
Certificates	CE; ATEX II 1/2 D FM Cl. II, III, Div. 1, TR-CU	CE; FM general purpose
Process temperature	-40°C up to +250°C (-40°F up to +482°F)	-40°C up to +80°C (-40°F up to +176°F)
Sensitivity	From 20 g/l (1.2 lb/ft ³) depending on sensor weight	-
Process connection	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

Interior view

View rope/tape chamber



View electronic chamber



Sensor weights

