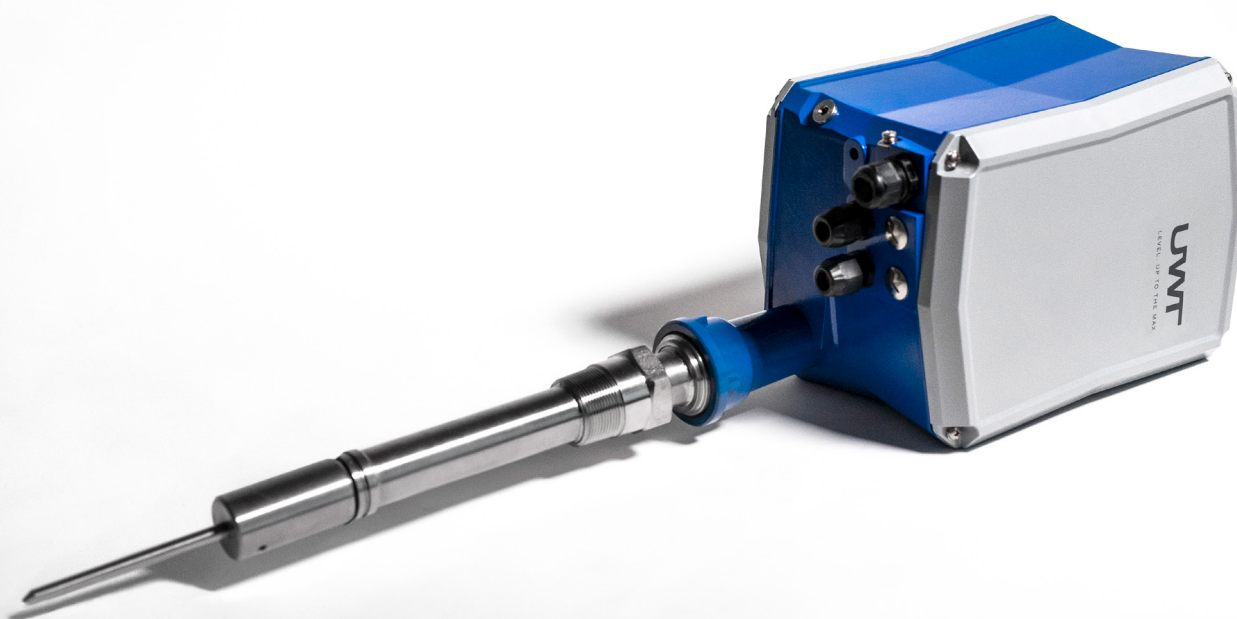


UWT

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

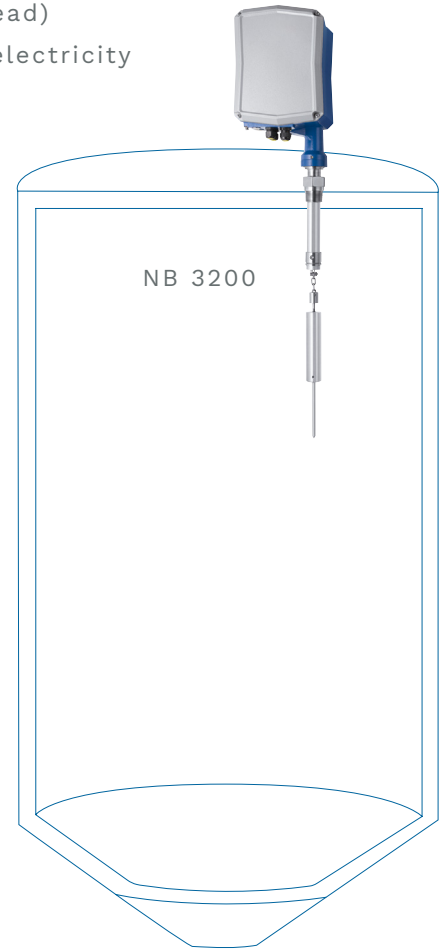


Interface measurement

NB 3300
Rope



NB 3400
Tap



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, (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/ft ³) 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

