



NivoBob® 4000

Microprocessor controlled level measuring system

Cost-effective level measurement system for reliable level monitoring in bulk goods - for different materials; also for use in hazardous locations



NivoBob® 4000



- Sensational cost/performance ratio
- Unaffected by material properties such as conductivity, dust, di-electricity
- Easy installation - also for direct mounting on an inclined silo roof
- Maintenance free

Application: NivoBob® 4000 is used in many various bulk goods. It is particularly suitable for the building, animal feed and grain industry.

Types of NivoBob® flanges for level measurement:

NB 4100

Rope version
DN 100 flange
PVC sensor
weight



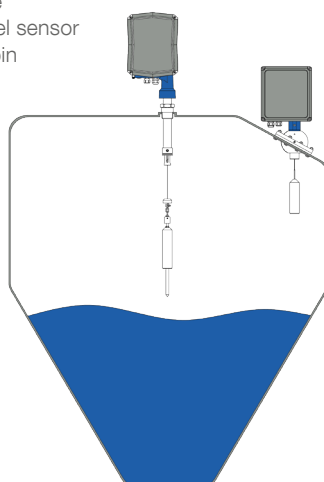
NB 4200

Tape version
Thread connection
Stainless steel
sensor weight



NB 4100

Rope version
Aiming flange
Stainless steel sensor
weight with pin



Technical Data

Type	NB 4100 / NB 4200 (rope / tape version)
Housing	Aluminium IP66 (Type 4)
Pressure	Max. +0.2 bar (+3.0 psi)
Supply voltage	AC version: 230 V or 115V 50-60 Hz DC version: 20...28 V
Measuring range	Max. 30 m
Signal output/ Communication	4-20 mA; relay for counting pulse; Modbus; Upper stop position, error
Approvals	CE; ATEX II 1/2 D; TR-CU; FM General Purpose and FM Cl. II, III, Div. 1
Process temperature range	-40°C up to +80°C (-40°F up to +176°F)
Sensitivity	From 20 g/l (1.2 lb/ft³) dep. on sensor weight
Process connection	Flange DN100 PN16 Flange 4" 150 lbs Flange 2" and 3" 150 lbs Flange R 1½" Thread NPT 1½" Thread NPT 3" (adapter) Aiming flange 0° - 50°

Interior view

Rope/tape chamber



Electronic chamber



Sensor weights



Aiming flange

