



# Nivobob<sup>®</sup> 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
- Uneffected 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:

### Rope version

DN 100 flange  
PVC sensor weight



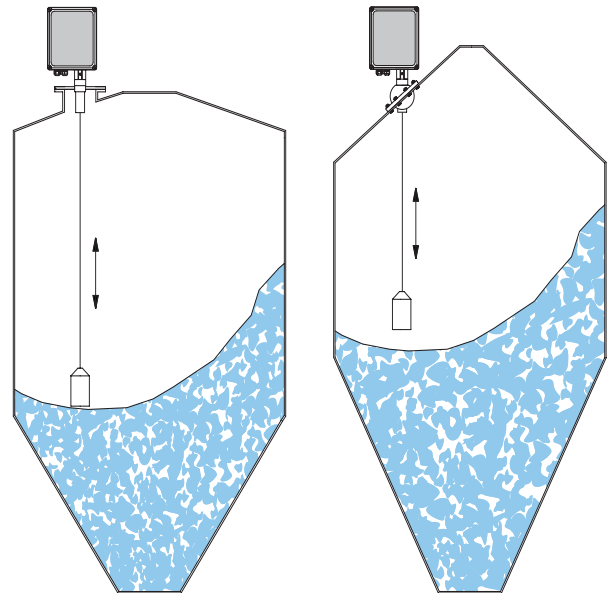
### Tape version

Thread connection  
Stainless steel sensor weight



### Rope version

Aiming flange  
Stainless steel sensor weight with pin



## Technical Data

<b>Type</b>	<b>NB 4100 / NB 4200 (rope / tape version)</b>
<b>Housing</b>	Aluminium IP 66 (Type 4)
<b>Pressure</b>	Max. +0.2bar (+3.0psi)
<b>Supply voltage</b>	AC version: 230V or 115V 50-60Hz DC version: 20...28V
<b>Measuring range</b>	Max. 30m
<b>Signal output</b>	4-20mA; relay for counting pulse, upper stop position, error
<b>Approvals</b>	CE; ATEX II 1/2 D FM General Purpose and FM Cl. II, III, Div. 1
<b>Process temperature range</b>	-40°C up to +80°C (-40°F up to +176°F)
<b>Sensitivity</b>	From 20g/l (1,2lb/ft <sup>3</sup> ) dep. on sensor weight
<b>Process connection</b>	Flange DN 100 PN16 Flange 4 inch 150lbs Flange 2 and 3 inch 150lbs Flange R 1 1/2 inch Thread NPT 1 1/2 inch Thread NPT 3 inch (adapter) Aiming flange 0° - 50°

## Interior view

### Rope/tape chamber



### Electronic chamber



## Sensor weights



## Aiming flange

