



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:

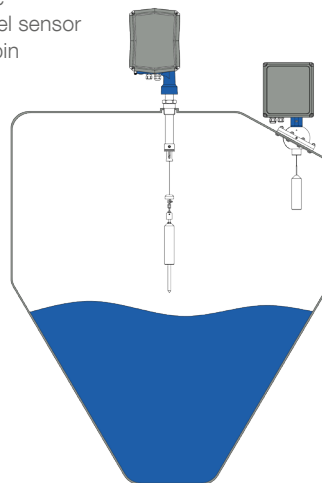
**NB 4100
Rope version**
DN 100 flange
PVC sensor
weight



**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

