



Simply working

# Flexinivo<sup>®</sup> FN 6

**Flexible combination of level limit switch  
and continuous level measurement system**

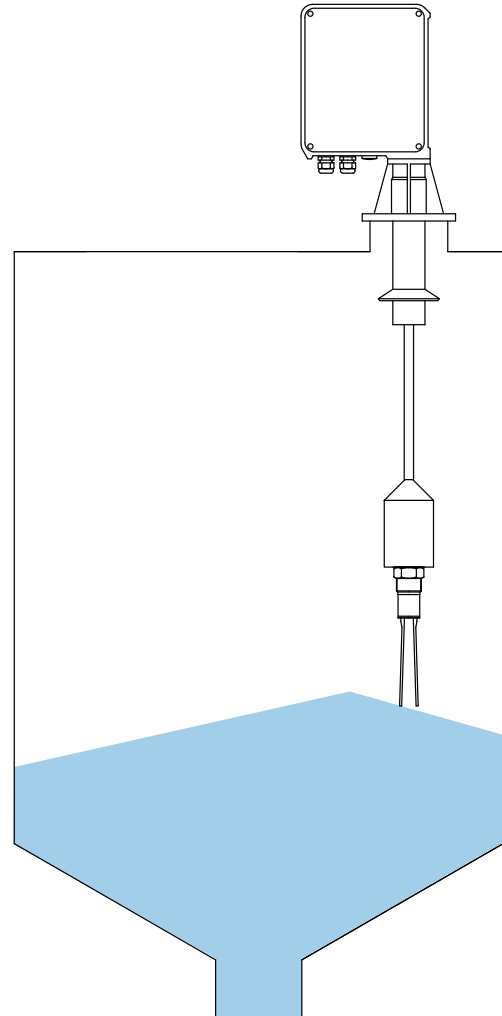
The two-in-one instrument for batch control and level measurement of all bulk materials – very precise, special construction for use in problematic materials

# Flexinivo<sup>®</sup> FN 6



- User defined measurement levels through flexible height adjustment
- Reduction of manual work
- Not affected by material properties such as conductivity, dust, dielectricity

**Application:** The Flexinivo<sup>®</sup> FN 6 can be used for level detection in batch control systems through automatic height adjustment. It can detect distances of up to 3.9 meters. The height adjustment and signal analysis are carried out by an external PLC.



## Flexinivo FN 6

### Flexible, controllable measuring point adjustment

#### Input signal:

- Measurement position (motor controlled)
- Speed of the measurement

#### Output signal:

- Position indicator (movement distance)
- Detection height
- Upper stop position

## Electromechanical functional principle

**View of mechanical chamber**  
Solid mechanical construction



**View of electronic chamber**  
Motion control by incremental encoder



## Technical Data

<b>Housing</b>	Aluminium
<b>Process temperature</b>	–20°C up to +60°C (–4°F up to +140°F)
<b>Pressure</b>	max. +0.3bar (4.4 psi)
<b>Supply voltage</b>	115V AC 230V AC
<b>Process connection</b>	Flange dimensions similar to DN100 PN6
<b>Measurement range</b>	0.6–3.9m (23.6–153")
<b>Sensitivity</b>	from 5g/l (0.3lb/ft <sup>3</sup> )