

Flexinivo[®] 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

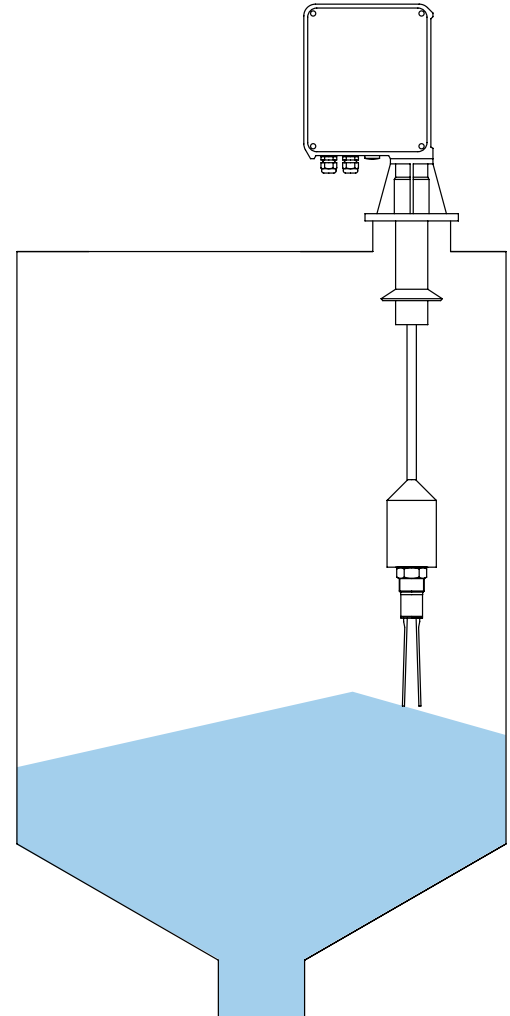


Flexinivo® FN 6



- 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® 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

Housing	Aluminium
Process temperature	–20°C up to +60°C (–4°F up to +140°F)
Pressure	max. +0.3bar (4.4 psi)
Supply voltage	115V AC 230V AC
Process connection	Flange dimensions similar to DN100 PN6
Measurement range	0.6–3.9m (23.6–153“)
Sensitivity	from 5g/l (0.3lb/ft³)

