



- Pressure: max. 10 bar
- Temperature: max. 150 °C
- Connection: G 3/8 female, Special: Ermeto 12 mm
- Material: Aluminium and stainless steel



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**Model:**  
NBA  
NBE

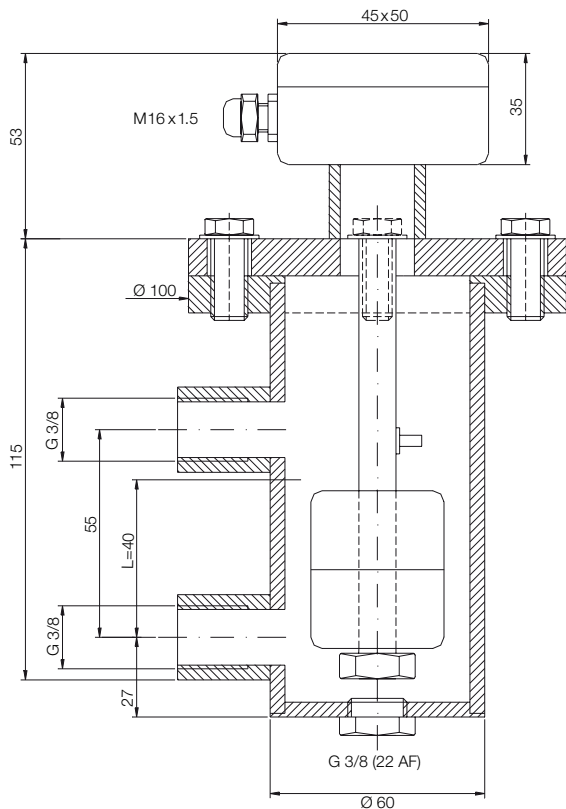
**Description**

KOBOLD bypass level switches of model NB are used when, for example, level monitoring in the bypass is needed due to lack of space (with agitators) or at high temperatures.

The instrument comprises a metal housing with internally mounted magnetic level switch and operates on the principle of communicating tubes.

As soon as the housing of the bypass level switch is about half full with liquid, the float moves to the top and operates with the internal ring magnet a changeover contact fitted in the measuring tube. Solenoid valves, signal lamps or pumps are switched by the changeover contact by means of suitable electrical auxiliaries (relay, contactor relay).

**Dimensions**



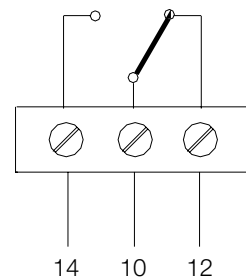
**Technical advantages**

- Lack of space in vessels
- Particularly suited for agitated and turbulent liquids
- Simple installation on vessel side wall

**Technical Details**

- Case material: NBA-100, aluminium  
NBE-100, stainless steel 1.4571
- Seal: NBR (NBA-100)  
PTFE (NBE-100)
- Connections: G 3/8 internal thread,  
special: Ermeto 12 mm
- Electr. connection box: Aluminium 50x45x30 mm
- Cable gland: M16 x 1.5
- Measuring tube material: Stainless steel 1.4571
- Float material: Stainless steel 1.4571
- Max. temperature: 150 °C (NBE),  
90 °C (NBA)
- Max. pressure: 10 bar
- Density of liquid: min. 0.7 kg/dm<sup>3</sup>
- Contact components: 1 changeover contact
- Contact material: Rhodium
- Switch capacity: max. 40 VA
- Switching voltage: max. 230 V<sub>AC</sub>
- Inrush peak: max. 1 A
- Hysteresis: approximately 3-5 mm
- Protection: IP 65

**Connection scheme**



**Order Details**

Case material	Order number	
	Connection G 3/8	Connection Ermeto
Aluminium	NBA-100 R10	NBA-100 E12
Stainless steel	NBE-100 R10	NBE-100 E12