

The NIVOFLOAT NL-100 float level switch is suitable for clean or slightly contaminated water. The NIVOFLOAT NW-100 tilting-float level switch is for sewage, tanks, basins, or cisterns. The waterproof dual-chambered float is injection-molded polypropylene, and the microswitch is incorporated into the float.

The cable is lead through a waterproof sealed entry point into the monolithic structure of the injection-molded plastic housing. It uses three copper wires of 1 mm² cross-section, insulated with PVC or Neoprene. The double-walled design provides outstanding safety for users in terms of life and touch protection. In addition, the NIVOFLOAT is suitable for various control tasks, such as liquid level monitoring and pump control. These devices serve reliably provided their operating conditions are appropriately selected.

FEATURES

- Dual-chambered float
- Switching differential is adjustable by counterweight (NL-100)
- Special float shape (NW-100)
- Up to 20 m cable length
- Medium temperature up to +50 °C
- Process pressure maximum NL-100: 1 bar; NW-100: 2 bar
- Variants for potable water available
- IP68

APPLICATIONS

- Suitable for drinking water
- Industrial and communal sewage
- Tank filling/emptying control
- Overfill protection



TECHNICAL DATA

	NL0-100-1	NW0-100-1
Switching angle	±45°	-
Switching differential	-	~400 mm (constant)
Medium temperature	0...+50 °C	
Process pressure	up to 1 bar (0.1 MPa)	up to 2 bar (0.2 MPa)
Material of the float / counterweight	Polypropylene / Polystyrene	Polypropylene
Float volume	430 cm ³	1000 cm ³
Rating of the microswitch	10(4) A, 250 V AC, AC1	10(3) A, 250 V AC, AC1
Electrical life-span	10 ⁷ switches	
Ingress protection	IP68	IP68
Cable	Ø9 mm / 3 × 1 mm ²	
Cable length	5 m, 10 m, 20 m	
Weight (without cable)	250 g	1,1 kg

NIVOFLOAT N-100

3 years

Double-chamber float level switch with PVC or Neoprene cable

Type

N - 1 - 1

- L For clean water
- W For wastewater

Cable material

N - 1 - 1

- N Neoprene
- P PVC

Cable length

N - 1 - 1

PVC cable

- 0 5 5 m
- 1 0 10 m
- 2 0 20 m

Neoprene cable

- 0 5 5 m
- 1 0 10 m
- 2 0 20 m

N - 1 -

- 1 Without counterweight

NIVOFLOAT NMW-100

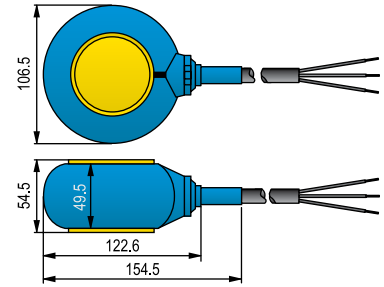
3 years

Counterweight for NL type float level switch
Material: polystyrene

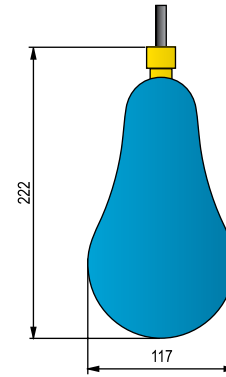
N M W - 1 0 0 - 0 Counterweight

Available on request

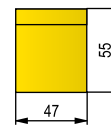
- Non-standard lengths for over 100 pcs



NL□-100



NW□-100



NMW-100

NIV24

NLP-105-1, NWP-105-1

NLP-110-1, NWP-110-1

NLP-120-1, NWP-120-1

NLN-105-1, NWN-105-1

NLN-110-1, NWN-110-1

NLN-120-1, NWN-120-1

NMW-100-0