

NIVOFLOAT NL/NW

FLOAT LEVEL SWITCHES FOR POTABLE WATER, SEWAGE



3 YEARS WARRANTY

NIVELCO

LEVEL SWITCHES

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
- Process 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
- Overflow protection



NMW-100 counterweight

NL-100 float level switch

NW-100 float level switch

TECHNICAL DATA

	NLO-100-1	NWO-100-1
Switching angle	+20/-45	±45°
Process 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	Non-toxic polypropylene (PP) / Polystyrene	Non-toxic polypropylene (PP)
Float volume	384 cm ³	1000 cm ³
Rating of the microswitch	16(4)A, 250 V AC, AC1 20(8)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)	235 g	1100 g

NIVOFLOAT NLP-100 with PVC cable 3 years

Double-chamber float level switch with PVC cable for clean liquids, without counterweight

Cable length

N L P - 1 □ □ - 1

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

NIVOFLOAT NLN-100 with Neoprene cable 3 years

Double-chamber float level switch with Neoprene cable for clean liquids, without counterweight

Cable length

N L N - 1 □ □ - 1

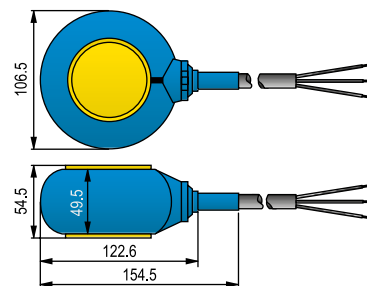
0 5	5 m
1 0	10 m
2 0	20 m

NIVOFLOAT NMW-100 3 years

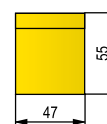
Counterweight for NL type float level switch

Material: polystyrene

N M W - 1 0 0 - 0 Counterweight



NLP-100



NMW-100

NIVOFLOAT NWP-100 with PVC cable 3 years

Double-chamber float level switch with PVC cable for contaminated liquids, without counterweight

Cable length

N W P - 1 □ □ - 1

0 5	5 m
1 0	10 m
2 0	2.0 m

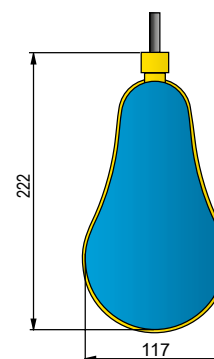
NIVOFLOAT NWN-100 with Neoprene cable 3 years

Double-chamber float level switch with Neoprene cable for contaminated liquids, without counterweight

Cable length

N W N - 1 □ □ - 1

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



NWP-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

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