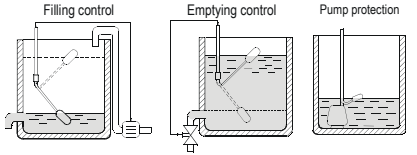
1. APPLICATION

The NIVOFLOAT NL□- float level switch with mercury free operated microswitch can be used for the level switching of drinking water and other liquids. The float is absolutely hermetically closed due to a unique moulding procedure. The switch differential can be set by the counterweight adjusted alongside the cable of the switch.



2. TECHNICAL DATA

TYPE	NL□ - 1□□
Rating of the microswitch	16 A, 250 V AC,AC1*
Microswitch	SPDT
Switching angle	± 45°
Medium temperature	max. 50 °C
Medium pressure	max. 0,1 MPa (1 bar)
Medium density	min. 0,8 g/cm^3
Housing material	Polypropylene
Cable material	PVC or Neoprene
Cable	∅ 9 mm / 3 x 1 mm^2
Ingress protection	IP 68

* with CE approval 10 A, 250 V AC,AC1

2.1. ACCESSORIES

User's manual, Declaration of conformity,
NIVOFLOAT NMW-100 counterweight - to be ordered separ.

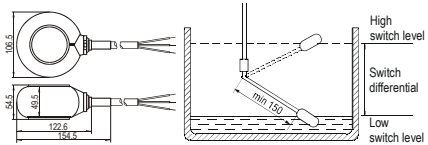
2.2. ORDER CODE

NIVOFLOAT N L □ – 1 □ □

CABLE MATERIAL	CODE
PVC	P
Neoprene	N

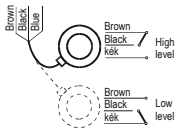
CABLE LENGTH	CODE
5 m	05
10 m	10
20 m	20

2.3. DIMENSIONS



3. INSTALLATION

4. WIRING



5. ADJUSTMENT

Using the counterweight: Insert the cable through the counterweight from the end with the larger hole. As the cable is pushed through the other end the ring will break away from the counter weight. For switching at the required level slide the counter weight to the proper place and fix it with the ring.

6. MAINTENANCE

The device does not require routine maintenance. Repairs during the guarantee period are carried out solely by the manufacturer.

7. STORAGE CONDITIONS

Environment temperature: -20 … +80 °C

8. WARRANTY

The Manufacturer guarantees the above product for a period of two (2) years from the date of purchase. Claims under guarantee will be dealt with only on presentation of the User's Manual and a copy of the Purchase Invoice. Repairs under guarantee are carried out at the Manufacturer's premises. The Purchaser is liable for costs of dismantling and re-installation as well as transport costs. Guarantee claims shall not be accepted for defects arising from usage of the equipment contrary to its purpose, from rupture, disaster, from incompetent installation or usage.

nlp1050s0600h_01 October, 2002
Technical specification may be changed without notice.

NIVOFLOAT

NL-100 series
FLOAT LEVEL SWITCH

USER'S MANUAL

CE

Supplied by:

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