NIVOFLOAT
NW-100
FLOAT LEVEL SWITCH

NIVELCO

LEVEL SWITCHES

OUR PROFESSION IS YOUR LEVEL

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APPLICATION

- *For industrial and communal sewage*
- *Suitable also for drinking water*
- *Special float shape*
- *Double-chambered float*
- *Tank filling emptying control*
- *Medium temperature max. +50°C*
- *Process pressure max. 2 bar*
- *IP68 protection*

The **NIVOFLOAT NW-100** tilting float level switch is suitable for level switching of various liquids, especially sewage in shafts, tanks, basins or cisterns.
The double-chambered float is made of injection moulded though polipropylene that ensures good water-proof protection. The contacting microswitch is incorporated in the float.

The cable of the **NIVOFLOAT NW-100** level switch is fed through the water-proof passage and the monolithic structure of the injection moulded plastic housing.
The cable of the level switch is a flexible insulated copper cable with 3x1 mm² cross-section and PVC or Neopren outer insulation.
Different control tasks such as liquid level monitoring and pump control can be realized successfully with NIVOFLOAT.
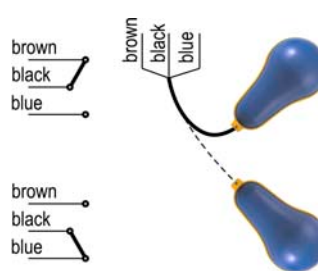
TECHNICAL DATA

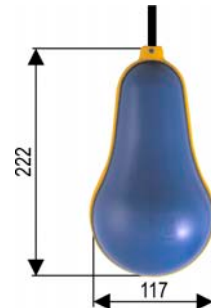| TYPE	NW□-1-□□-□
Medium temperature	0 ... +50°C
Medium pressure	0.2 MPa (2 bar)
Material of the float	Polipropylene
Float volume	1000 cm³
Rating of the microswitch	10 A, 250 V AC, AC1
Electrical life-span	10^7 switches
Mechanical protection	IP 68 (submersible version)
Cable	Ø 9 mm, 3x1 mm²
Cable length	5 m, 10 m, 20 m
Mass	0,92 kg, without cable

OPERATION

The **NIVOFLOAT** tilting level switch featuring mercury free contact is suitable for level switching of sewage, polluted liquids or drinking water. The double-chambered float and the sealing of the cable outlet provides hermetic sealing and water-proof operation.
The special shape of the float ensures proper tilting without using a counterweight. For multilevel switching - if the cables are not fixed at the given switching levels - the use of separate weights is advised. Thus the float will not swim up to the surface, but will remain at the given level, switching by tilting, and so the cables will not get entangled.

WIRING

DIMENSIONS

ORDER CODE

NIVOFLOAT NW■-1-■■-■   Weight to be ordered separately: **NMW-100**

CABLE MATERIAL	CODE
PVC	P
Neopren	N

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

WEIGHT	CODE
With weight	0
Without weight	1

APPLICATION EXAMPLES

Emptying control

Filling control

Multi-level switching

weight

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