



# NSPB Series

*The ultimate solution for demanding level control. Multi-function level switches in standard lengths, delivering outstanding performance.*

- Impact resistant terminal box, IP67
- Universal mounting, G1" & flange
- Standard lengths and functions\*



HM 2511

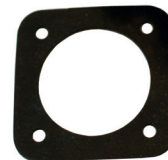
Sensors with REED technology without power consumption, manufactured with the highest quality in our ISO-certified factory in Roslagen, Sweden.

## General description:

NSPB. The float level switches are available with up to five functions in the same unit. It can also be combined with a built-in temperature sensor or overtemperature protection. Suitable for most kinds of liquids.

## Construction:

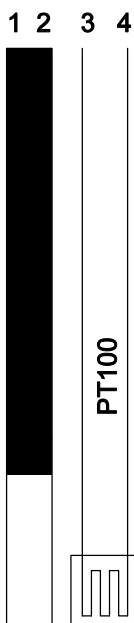
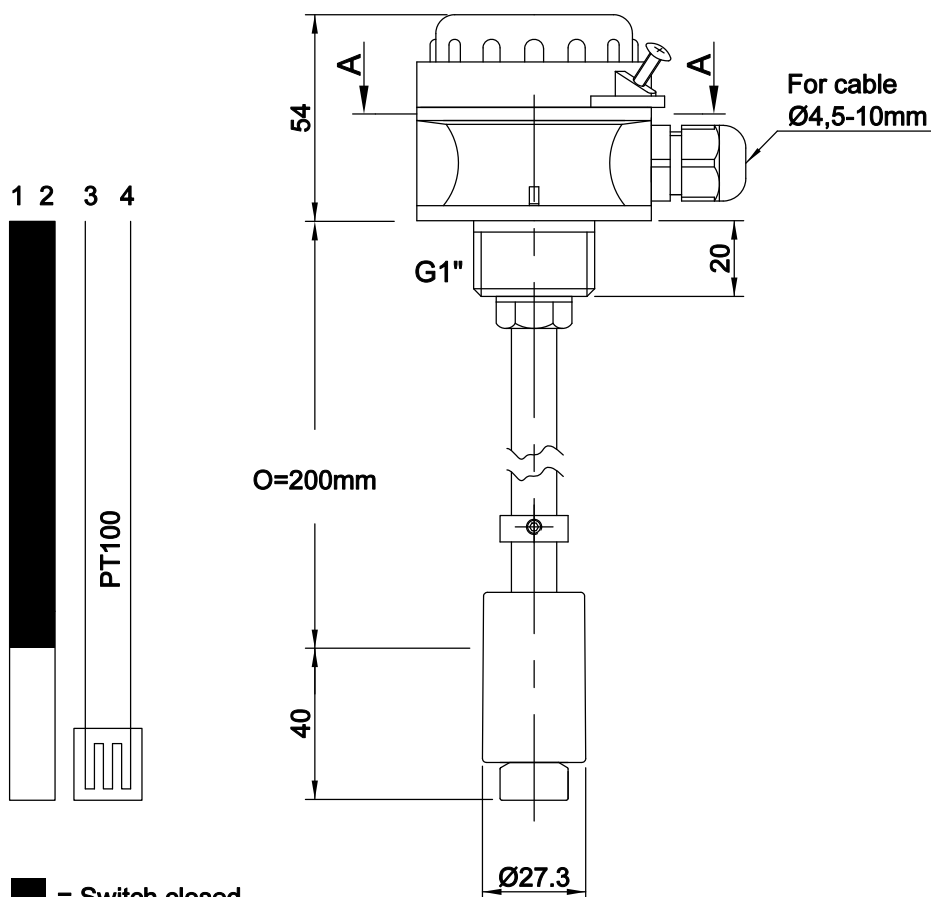
Terminal box with waterproof screw lid, protection class IP67. Terminals with spring-loaded connection for mounting your own cable. G1" threaded connection and flange provide two options for mounting. Ø12mm probe in SUS-316, floats in NBR.



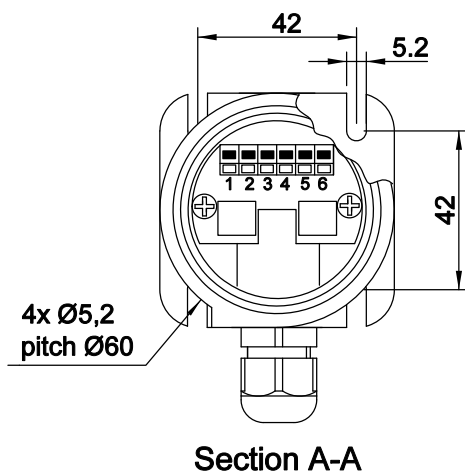
\* See our range of NSBP standard switches on our website. Other models on request. Variants with (e.g. other switch point length) can be added, m.o.q. 10 pcs.

**O:** NO, open at low level, closes rising  
**S:** NC, closed at low level, opens rising  
**V:** NO/NC, change-over

**T:** Overtemperature protection. NC, opens rising at 70°C ±5  
**T1:** Built-in temperature sensor Pt100  
**T3:** Built-in temperature sensor Pt1000  
**T8:** Built-in temperature sensor, 0-10V -20...100°C



■ = Switch closed  
□ = Switch open



#### TEMPERATURE SENSOR PT 100 DIN60751 B

-20°C	92,1 ohm
-10°C	96,1 ohm
0°C	100,0 ohm
10°C	103,9 ohm
20°C	107,7 ohm
30°C	111,6 ohm
40°C	115,5 ohm
50°C	119,3 ohm
60°C	123,2 ohm
70°C	127,0 ohm
80°C	130,8 ohm
90°C	134,7 ohm
100°C	138,5 ohm

Pt100. Use 3- or 4-wire connection for compensate lead resistance. Gives higher accuracy and is recommended when using long cables.

#### FEATURES

Float liquid level sensor with REED-technology to activate pumps or valves via relays or PLC. Suitable for most kinds of liquids.

#### MATERIALS

Probe : SUS-316  
Float : NBR, S.G. 0,42  
Terminal box : Polyamid 6  
Gasket : Nitrile  
Temp. media : -20...+100°C  
Temp. ambient : -20...+70°C

#### CONTACT SYMBOLS

O = means NO low, NC going upwards

#### PROTECTION DEGREE

Terminal box : IP67  
Probe : IP68

#### ELECTRICAL MAX DATA

Contact rating *	70 VA
Voltage	3-48 VAC/DC
Current	1,5 A

\* = resistive load