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 reqest. 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
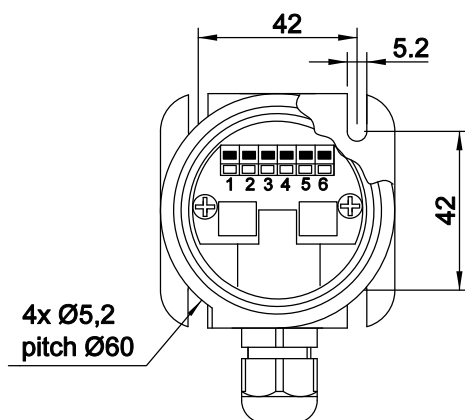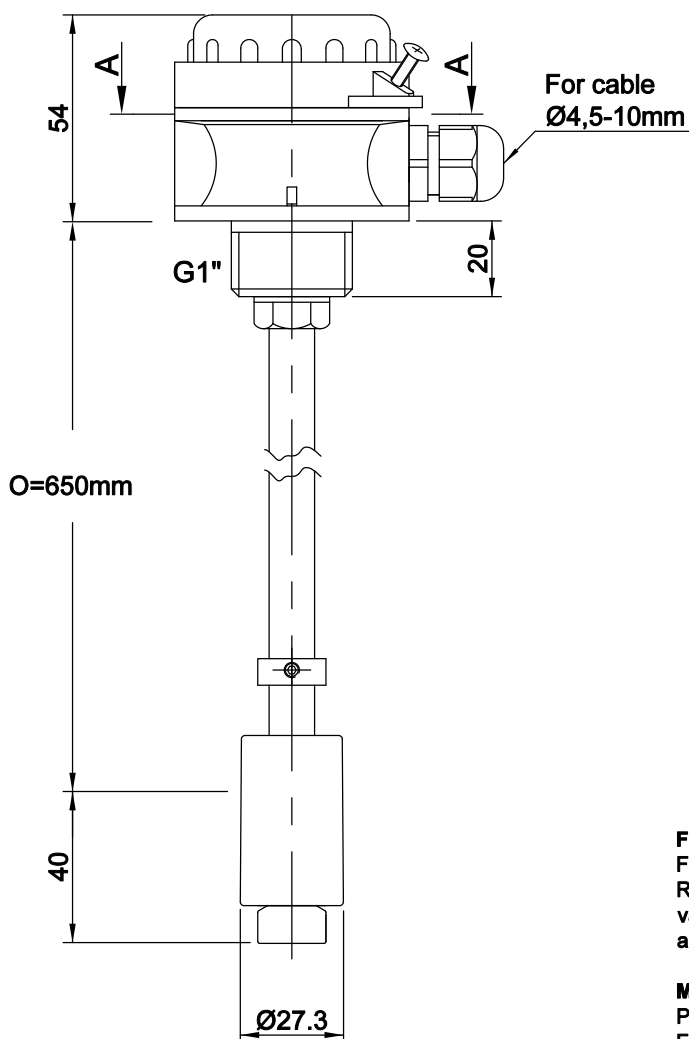**T8**: Built-in temperature sensor, 0-10V -20...100°C

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1 2   3   4

Over temperature switch TS85

■ = Switch closed

□ = Switch open

A

54

G1"

20

For cable Ø4,5-10mm

O=650mm

40

Ø27.3

FEATURES
Float liquid level sensor with
REED-technology to activate pumps or
valves via relays or PLC. Suitable for oil
and other non agressive 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

TEMPERATURE SWITCH TS85
Built in over-temperature protection.
NO, close above 85°C ±5 (restet diff.
approx 10°)

PROTECTION DEGREE
Terminal box : IP67
Probe : IP68

ELECTRICAL MAX DATA

Contact rating *	10 VA
Voltage	3-24 VDC
Current	1 A

* = resistive load

42

5.2

42

1 2 3 4 5 6

4x Ø5,2
pitch Ø60

Section A-A

This manual is available in pdf format, please contact Hemomatik AB