

# HSFB Series

The ultimate solution for demanding level control. Multi-function level switches in custom lengths, delivering outstanding flexibility.

- Impact resistant terminal box, IP67
- Universal mounting, G1" & flange
- Selectable switch point lengths and contact functions\*



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

#### General description:

HSFB. The float level switches are available with up to four 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.

Probe in SUS-316, floats in NBR.



\* We manufacture the sensor in desired lengths. Specify switch points length (mm) and contact function when ordering.

**O** : NO, open at low level, closes rising

**S** : NC, closed at low level, opens rising

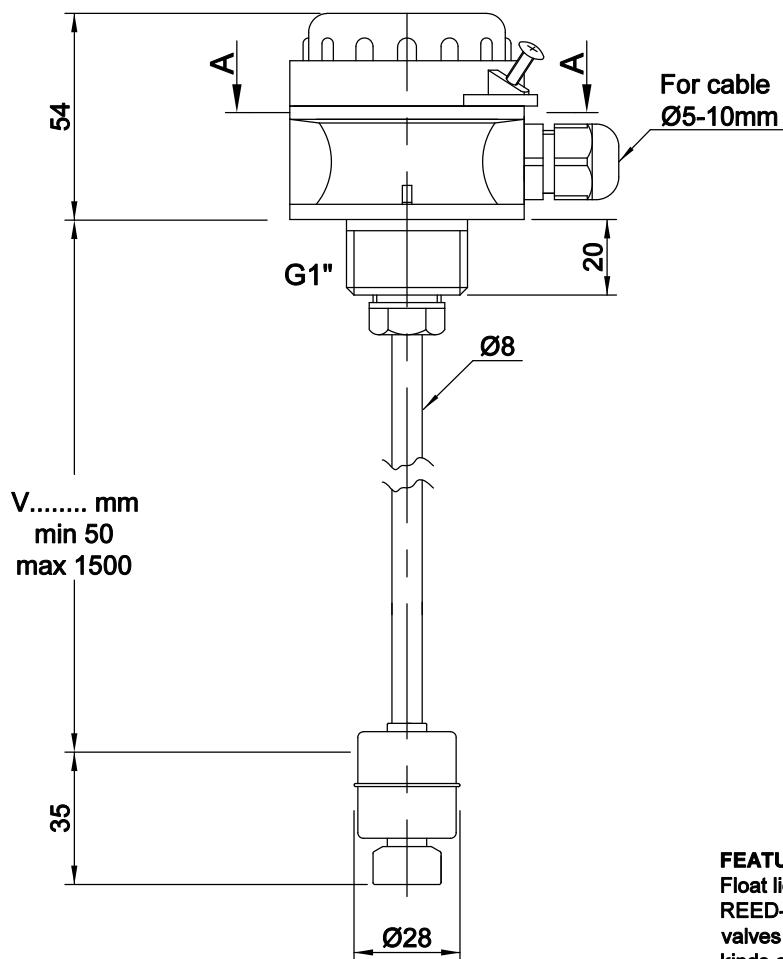
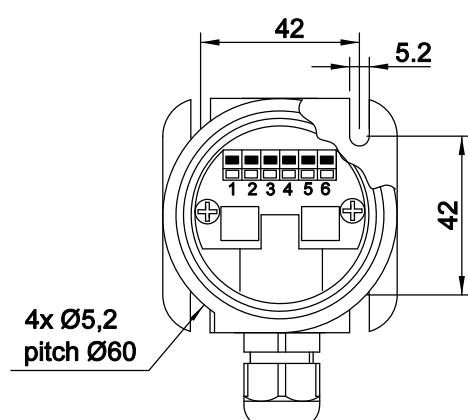
**V** : NO/NC, change-over

**T** : Overtemperature protection. NC, opens rising at 70°C ±5

#### Options, special on request:

Overtemperature protection with other switching temperature.

Built-in temperature sensor Pt100 or Pt1000.


**2 1 3**

**■ = Switch closed**
**□ = Switch open**

**Section A-A**
**FEATURES**

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

**MATERIALS**

Probe : SUS-316  
Float : SUS-316, S.G. 0,7  
Terminal box : PA6  
Gasket : Nitrile

Temp. media : -20...+100°C  
Temp. ambient : -20...+70°C

**CONTACT SYMBOLS**  
*V = change over*
**PROTECTION DEGREE**  
 Terminal box : IP67  
 Probe: IP68

**ELECTRICAL DATA**

Contact rating *	10 VA
Supply voltage	3-48 VAC/DC
max current	0,5 A

*\* = resistive load*