



# HSCB1 Series

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

- Impact resistant terminal box, IP67
- All wetted parts in stainless steel, SUS-316
- Selectable switch point lengths and contact 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:

HSCB1. 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, media temperature up to 110°C.

## Construction:

Terminal box with waterproof screw lid, protection class IP67.

Terminals with spring-loaded connection for mounting your own cable.

Adjustable G1" compression fitting, when the nut is tightened, the coupling is fixed and pressure tight to the probe. Probe, float and fitting in SUS-316.



\* 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.

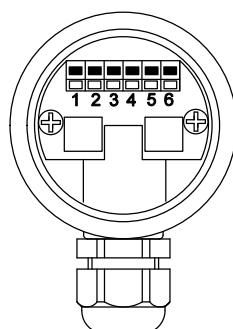
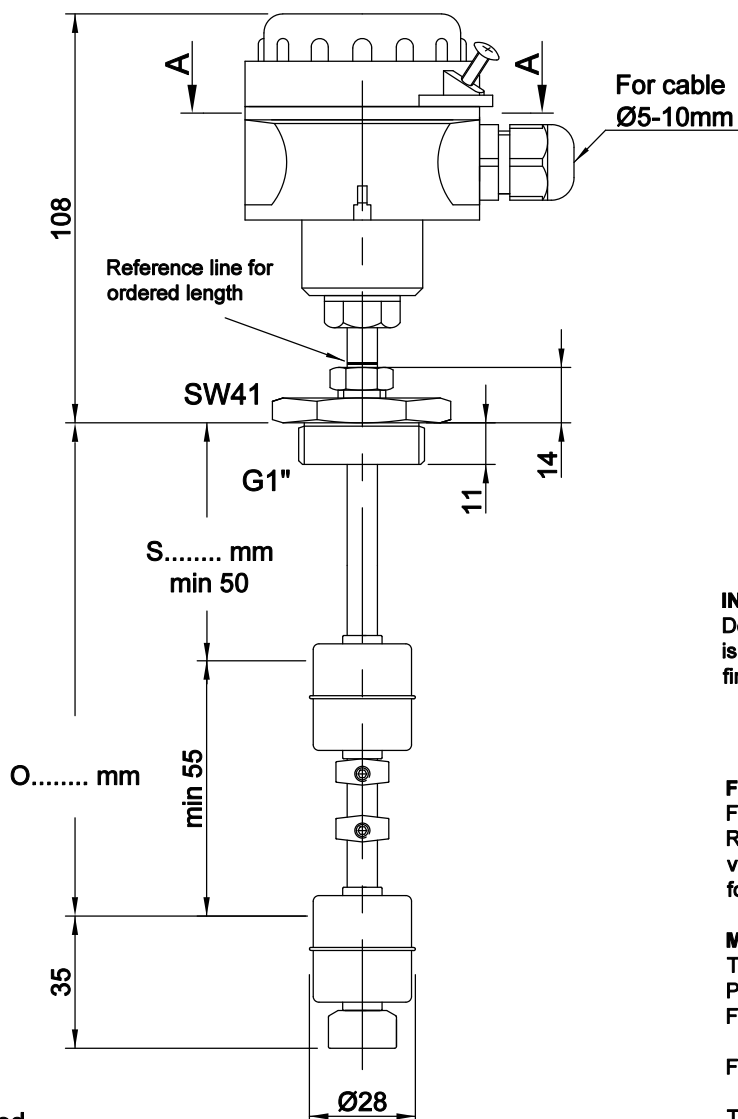


1 2 5 6



■ = Switch closed

□ = Switch open



**Section A-A**

**INSTALLATION-** Compression fitting  
Decide and adjust level, once the nut is tightened the compression ring is firm and pressure tight on the stem.

#### FEATURES

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

#### MATERIALS

Terminal box : Polyamid 6  
Probe : SUS-316  
Float : SUS-316, S.G. 0,7  
max pressure 10 bar  
Fitting : SUS-316, gasket Viton

Temp. media : -20...+110°C  
Temp. ambient : -20...+70°C

#### CONTACT SYMBOLS

O = means NO low, NC going upwards  
S = means NC low, NO going upwards

#### PROTECTION DEGREE

Terminal box : IP67  
Probe : IP68

#### ELECTRICAL MAX DATA

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

\* = resistive load