

# 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\*



HM2511

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

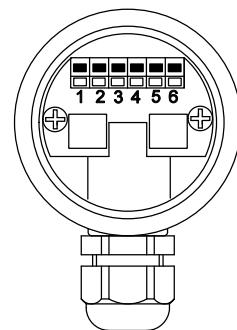
**V** : NO/NC, change-over

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

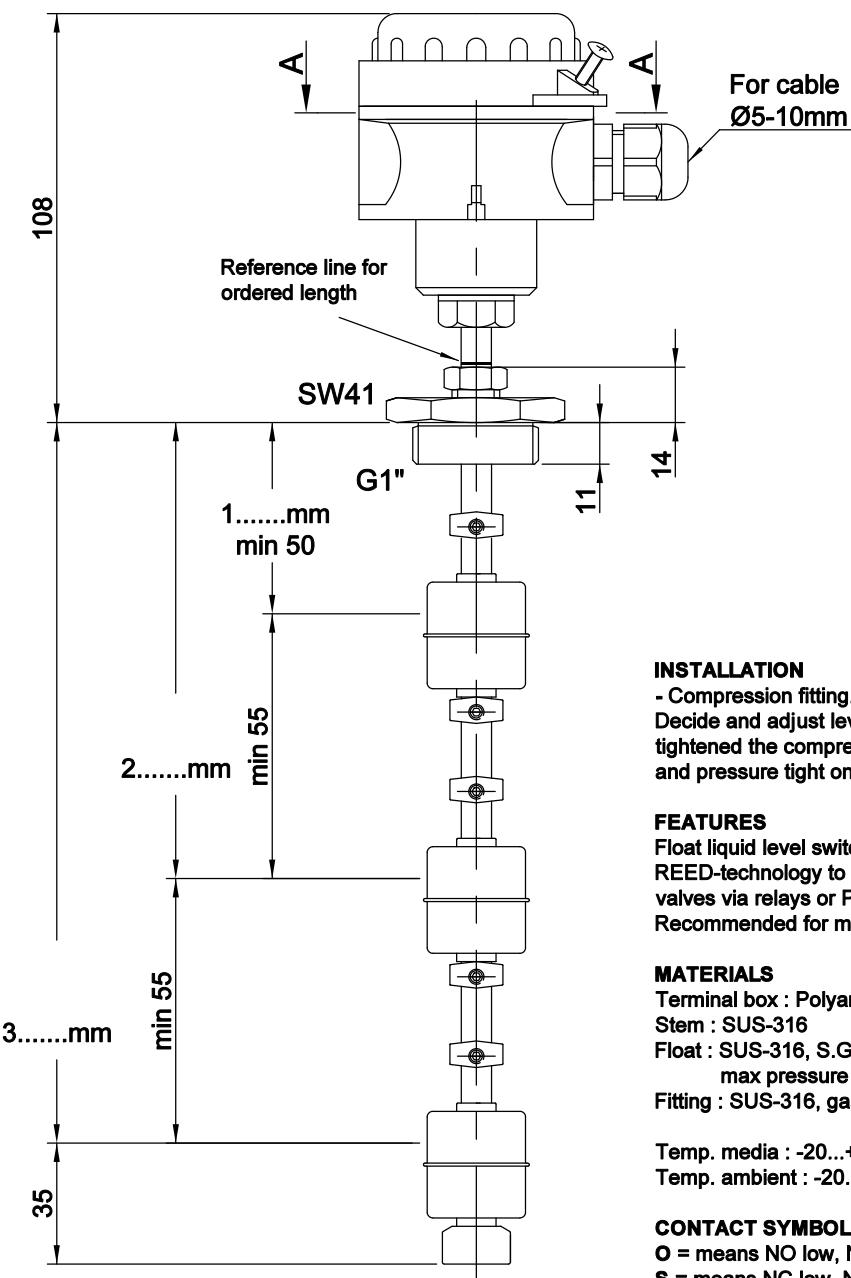
## Options, special on request:

Overtemperature protection with other switching temperature.

Built-in temperature sensor Pt100 or Pt1000.


Section A-A


1 2    3 4    5 6



■ = Switch closed

□ = Switch open

**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
- Stem : 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
- Stem : IP68

**ELEKTRICAL MAX DATA**

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

\* = resistive load