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
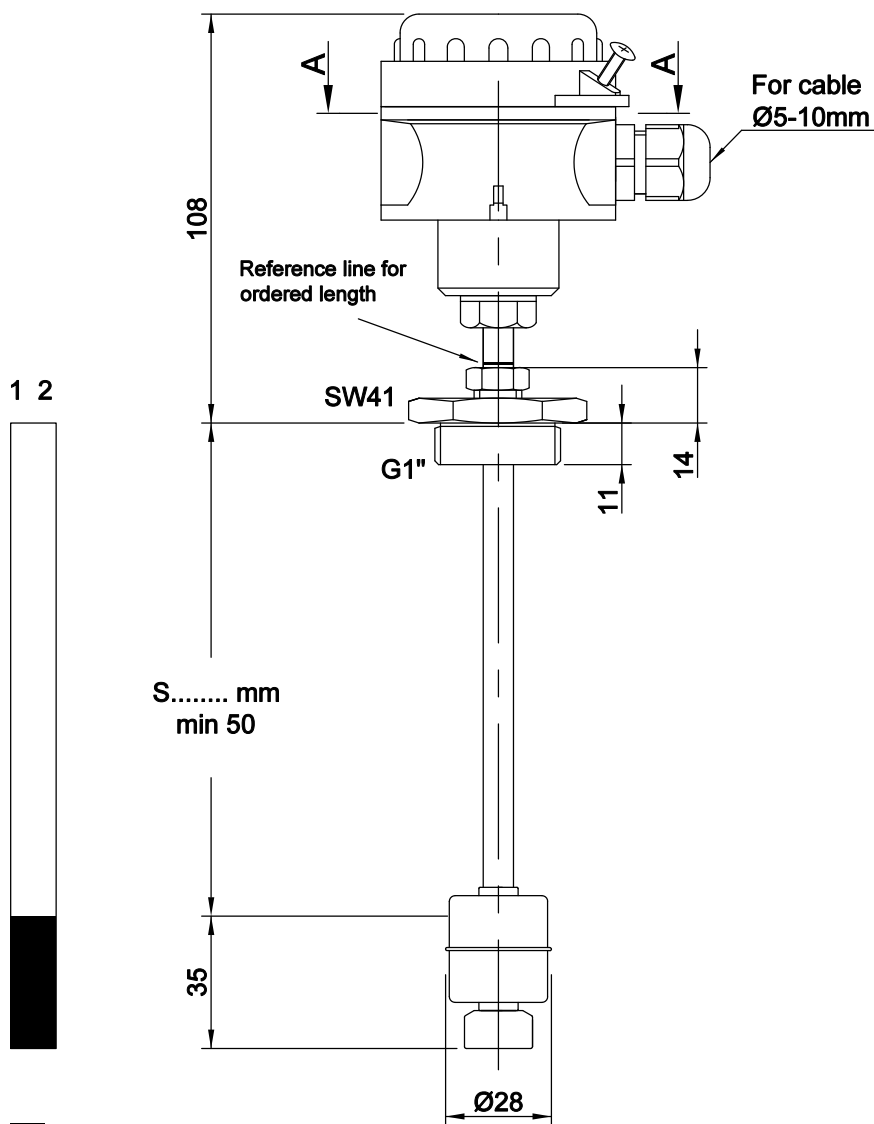**S** : NC, closed at low level, opens rising
V : NO/NC, change-over
T : Overtemperature protection. NC, opens rising at 70°C ±5

Options, special on request:
Overtemperature protection with other switching temperature.

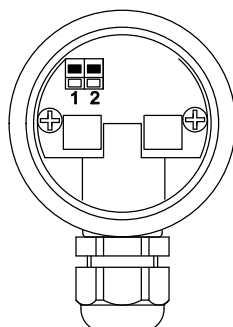Built-in temperature sensor Pt100 or Pt1000.

	Liquid level switch	Art.nr. HSCB1-S	
HEMOMATIK Made in Sweden	All wetted parts in SUS-316	Drawing nr. HSCB1-S	Rev.
Approved **Preliminary**	Scale **1:2**	S=....... mm	Date **251118**	Sign. **AN**
			Rev. date	

For cable
Ø5-10mm

108

Reference line for
ordered length

SW41

G1"

14

11

1 2

S........ mm
min 50

35

Ø28

■ = Switch closed

□ = Switch open

1 2

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
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

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