



HMC1/2 Series

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

- Miniature design with G1/2" fitting
- 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:

HMC1/2. The float level switches are available with up to two functions in the same unit. It can also be combined with an overtemperature protection. Suitable for oil and other non aggressive liquids.

Construction:

Cable exit with two meters cable, other length on request. Adjustable G1/2" compression fitting, when the nut is tightened, the coupling is fixed and pressure tight to the probe. Probe in brass, 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

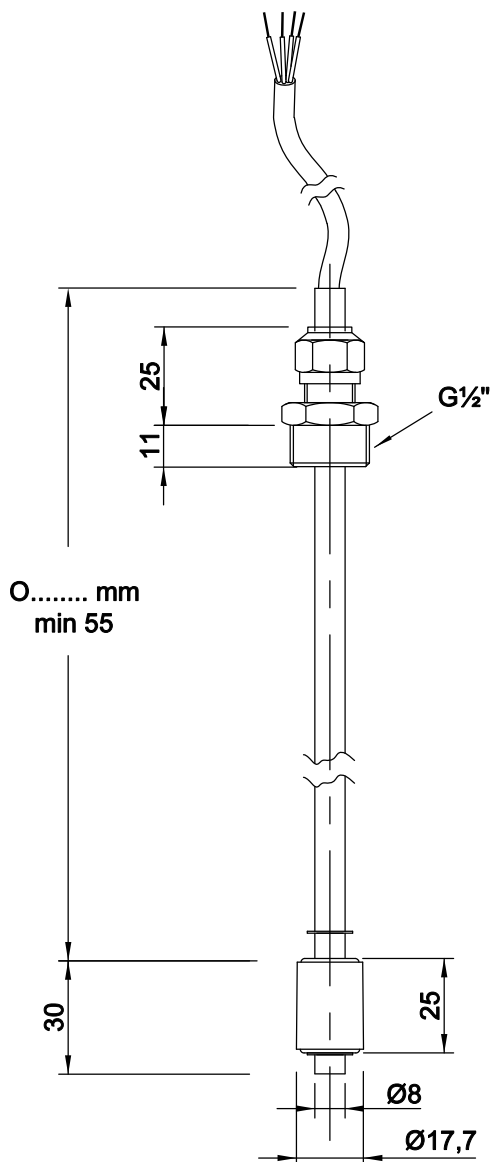
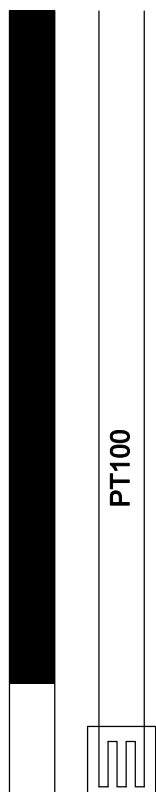
T : Overtemperature protection. NC, opens rising at 70°C ±5

Options, special on request:

Overtemperature protection with other switching temperature.



yellow
white
brown
green



TEMPERATURE SENSOR PT 100 DIN60751 B

-20°C	92,1 ohm
-10°C	96,1 ohm
0°C	100,0 ohm
10°C	103,9 ohm
20°C	107,7 ohm
30°C	111,6 ohm
40°C	115,5 ohm
50°C	119,3 ohm
60°C	123,2 ohm
70°C	127,0 ohm
80°C	130,8 ohm
90°C	134,7 ohm
100°C	138,5 ohm

FEATURES

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

MATERIALS

Probe: Brass
Float : NBR S.G. 0,52
Fitting : Brass
Cable : 2m / PVC 4x 0.34mm²

Temp. media : -20...+90°C
Temp. ambient : -20...+70°C

CONTACT SYMBOLS

O = means NO low, NC going upwards

INSTALLATION

Decide and adjust level, once the nut is tightened the compression ring is firm on the probe.

PROTECTION DEGREE

Cable : IP65
Probe : IP68

ELECTRICAL DATA

Contact rating *	70VA
max voltage	3-48V
max current	1,5A

* = resistive load