

# HMDHI Series

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

- DIN connector, IP67
- Compact design with G1" fitting
- 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:

HMDHI. 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:

Compact G1" fitting. Angled connector EN175301-803 style A (former DIN 43650-A) that can be mounted in four different directions. Screw terminals for mounting your own cable. Protection class IP67.

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:

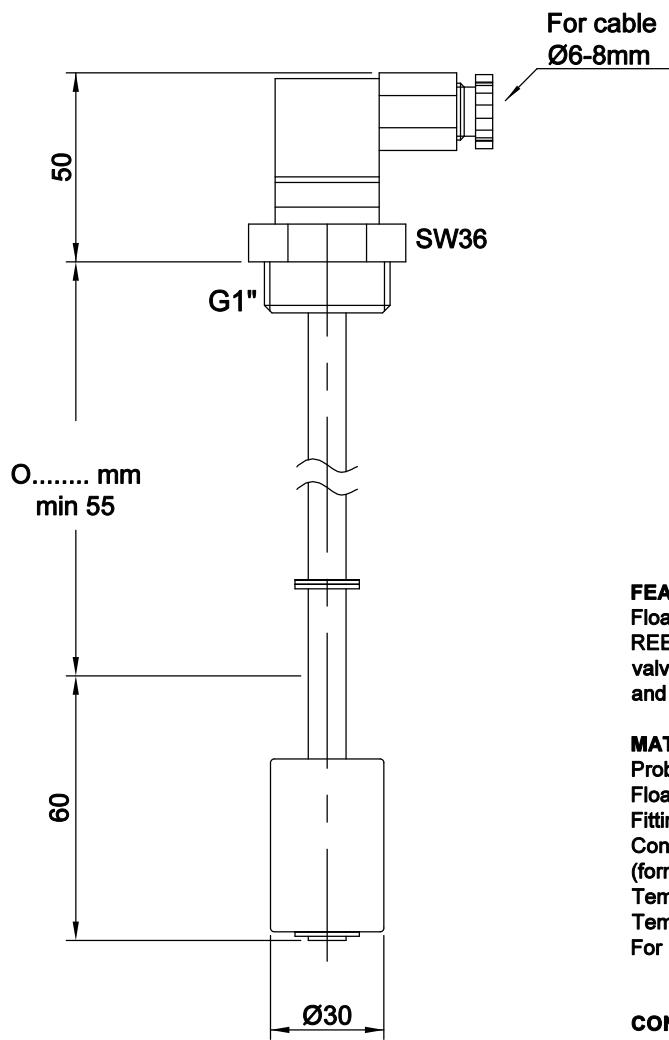
Overtemperature protection with other switching temperature and smaller hysteresis.


Note! Read this  
instruction before  
installation and use

O=..... mm

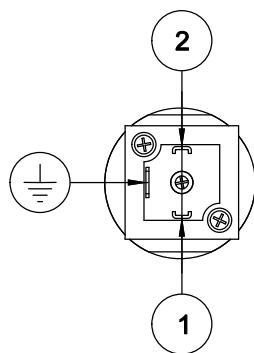
T=70°C in series

Rev. date  
**251114**

Protective earth  
1 2  
Temperature switch in series with level, the  
circuit is open if any switch is activated.  
Opens above 70°C


■ = Switch closed

□ = Switch open


**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. 0,3  
Fitting : POM-C  
Connector : EN175301-803 style A  
(former DIN 43650-A)  
Temp. media : -20...+100°C  
Temp. ambient : -20...+70°C  
For use 0-5000m above MSL

**CONTACT SYMBOLS**

O = means NO low, NC going upwards

**TEMPERATURE SWITCH**

Built in over-temperature protection std.  
T (T70). NC, open above 70°C ±5 (rested  
at approx 50°C)

**PROTECTION DEGREE**

Connector : IP67  
Probe: IP68

**ELECTRICAL MAX DATA**

Contact rating *	70 VA
Voltage	3-230 V AC/DC DC to 60Hz
Current	1 A

\* = resistive load

**WARNING!** If no protective earth is  
connected to the sensor, the supply  
voltage must not exceed 48V AC/DC