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*

HM 2511

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 agressive 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.

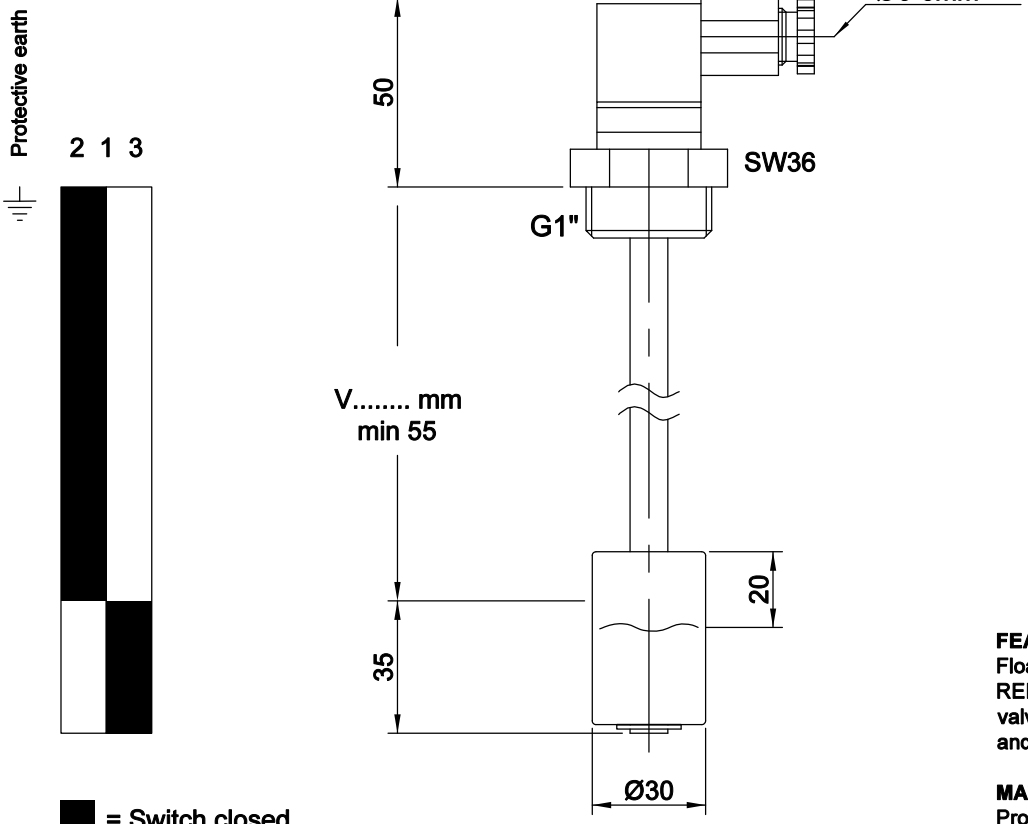
* We manufacture the sensor in desired lengths. Specify switch points length (mm) and contact function when ordering.

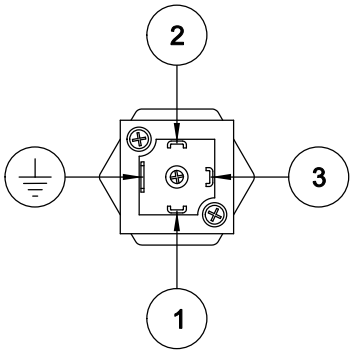
O : NO, open at low level, closes rising
S : NC, closed at low level, opens rising
V : NO/NC, change-over
T : Overtemperature protection. NC, opens rising at 70°C ±5

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

HEMOMATIK Made in Sweden	Liquid level switch	Art.nr. HMDHI-V	
		Drawing nr. HMDHI-V	Rev. 3
Approved P.L. 930611	Scale 1:2	V=..... mm	Date 921022 / Sign. MEM
		Rev. date 251125	

Note! Read this instruction before installation and use





FEATURES
Float liquid level sensor with REED-technology to activate pumps or valves via relays or PLC. Suitable for oil and other non agressive 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
V = change over

PROTECTION DEGREE
Connector : IP67
Probe : IP68

ELECTRICAL MAX DATA

Contact rating *	60 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

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