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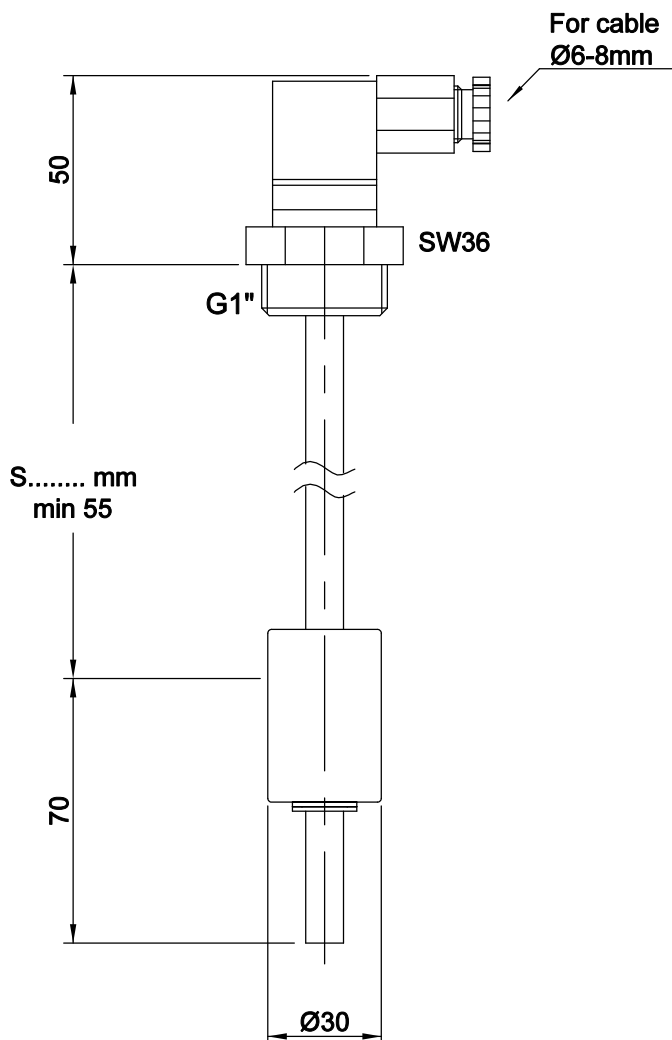
Options, special on request:
Overtemperature protection with other switching temperature and smaller hysteresis.

HEMOMATIK

Nyckelvägen 7
142 50 SKOGÅS, Sweden

Tel: +46 (0)8 771 02 20
info@hemomatik.se

www.hemomatik.se

HEMOMATIK
Made in Sweden

Liquid level and temperature switch	**Art.nr.** HMDHI-STS
S=....... mm	**Drawing nr.** HMDHI-STS / **Rev.** 5

Approved P.L. 970319	**Scale** 1:2	TS ordered as a seperate part	**Date** 970318	**Sign.** MEM
			Rev. date 251114	

For cable
Ø6-8mm

50

3 1 2

SW36

G1"

S........ mm
min 55

TS temperature switch see separate list !

70

Ø30

TS TEMPERATURE SWITCH
ordered as separate part:

TS40	TS70
TS45	TS80
TS50	TS85
TS60	TS90

List of selectable over-temperature
protections (others on reqest).

Example: TS60= Normally open, close
above 60°C ±5. Reset diff. max 10°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 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

CONTACT SYMBOLS
S = means NC low, NO going upwards

PROTECTION DEGREE
Connector : IP67
Probe: IP68

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ELECTRICAL MAX DATA

Contact rating *	10 VA / W
max voltage	24 VDC
max current	1 A

* = resistive load

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