HMFB Series

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

- Impact resistant terminal box, IP67
- Universal mounting, G1" & flange
- 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:
HMFB. The float level switches are available with up to five functions in the same unit. It can also be combined with a built-in temperature sensor or overtemperature protection. Suitable for oil and other non agressive liquids.

Construction:
Terminal box with waterproof screw lid, protection class IP67. Terminals with spring-loaded connection for mounting your own cable. G1" threaded connection and flange provide two options for mounting. 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.

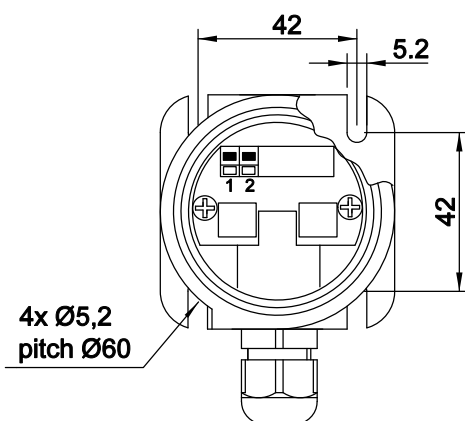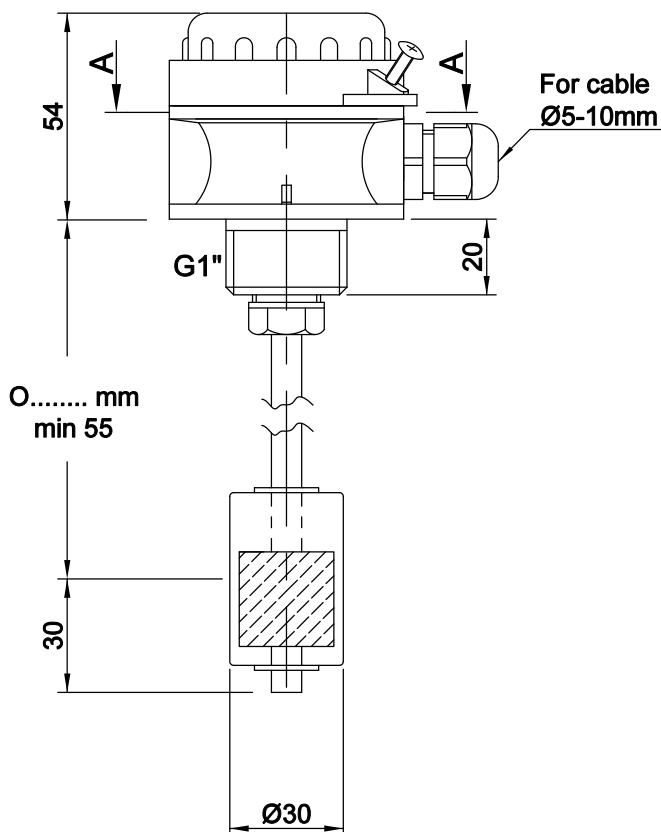Built-in temperature sensor Pt100, Pt1000, 4-20mA and 0-10V.

1 2

54

For cable Ø5-10mm

G1"

20

O........ mm
min 55

30

Ø30

■ = Switch closed

□ = Switch open

42

5.2

42

4x Ø5,2
pitch Ø60

1 2

Section A-A

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
Stem : Brass
Float : NBR, S.G. 0,47
Splash protection : PVDF
Terminal box : Polyamid 6
Gasket : Nitrile
Temp. media : -20...+100°C
Temp. ambient : -20...+70°C

CONTACT SYMBOLS
O = means NO low, NC going upwards

PROTECTION DEGREE
Terminal box : IP67
Stem : IP68

ELECTRICAL MAX DATA

Contact rating *	70 VA
Voltage	3-48 VAC/DC
Current	1,5 A

* = resistive load

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