

HMFB Series -with splash protection

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*



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 three 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 aggressive 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.



Splash protection:

Ø30mm splash protection in PVDF. Reduces the risk of false signals in the event of splashing. Suitable for filling applications and mobile tanks, such as vehicles and ships etc.

* 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

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

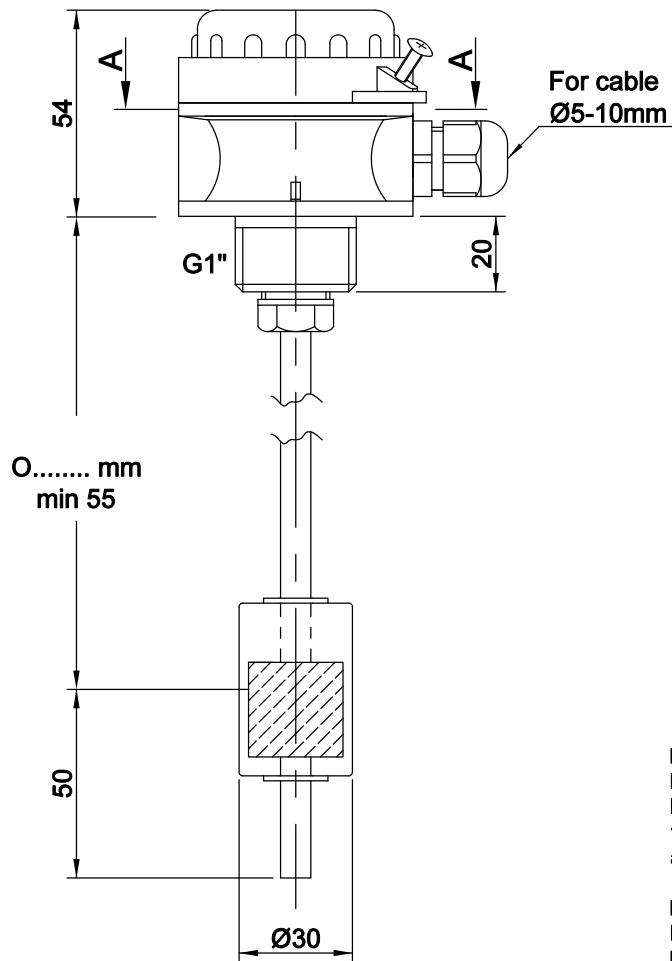
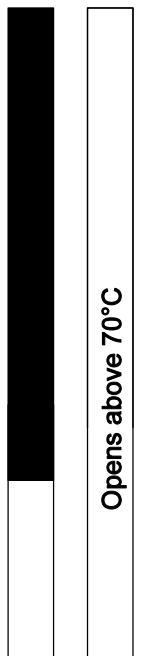
Options, special on request:

Overtemperature protection with other switching temperature.

Built-in temperature sensor Pt100, and Pt1000.

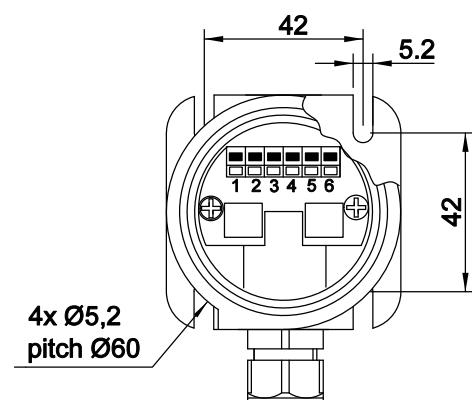


1 2 3 4



■ = Switch closed

□ = Switch open



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 aggressive liquids

MATERIALS

Probe : 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

TEMPERATURE SWITCH

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

PROTECTION DEGREE

Terminal box : IP67
Probe : IP68

ELECTRICAL MAX DATA

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

* = resistive load