

# HEMOMATIK Sweden

Liquid level and temperature switch

Art.nr. HMFB-SOT

S=..... mm

Drawing nr. HMFB-SOT

Rev. 4

Approved P.L. 930513

Scale 1:2

O=..... mm T=70°C

Date 920826

Sign. MEM

For switchpoints .....mm, see label

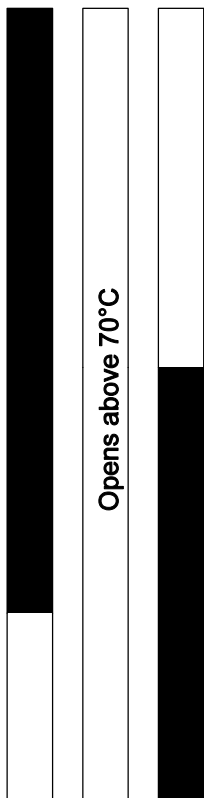
Rev. date 211011



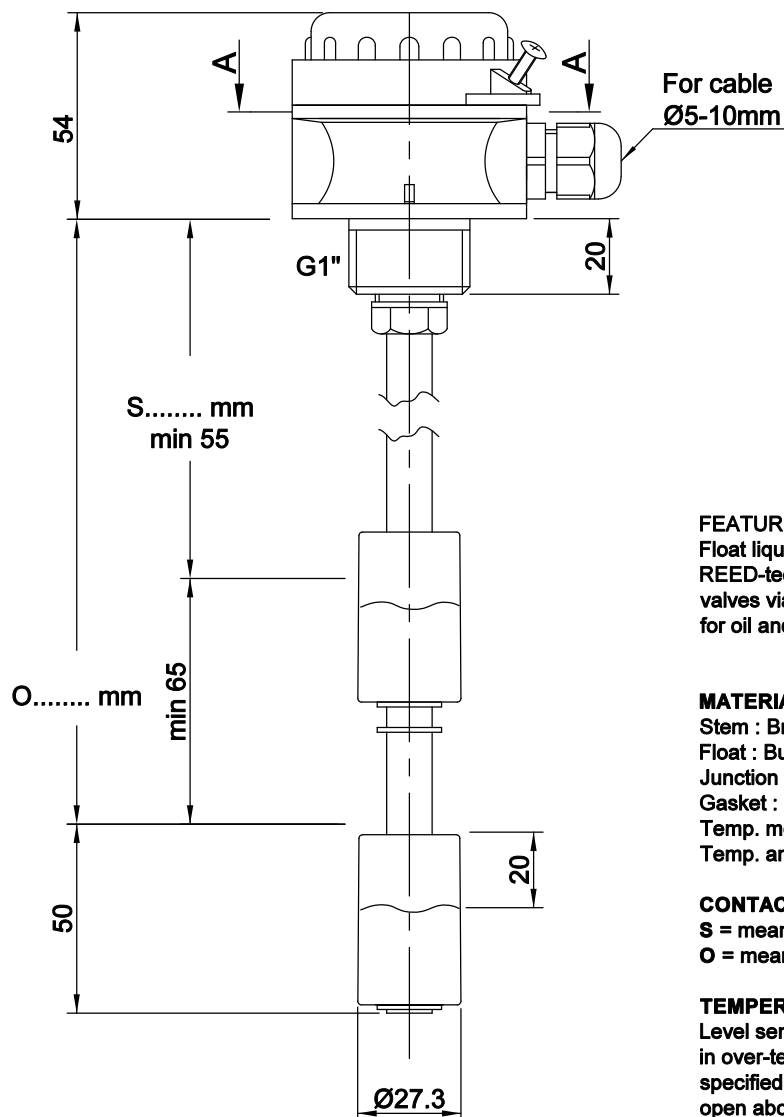
Ground



1 2 3 4 5 6



Opens above 70°C



## FEATURES

Float liquid level sensor with REED-technology to activate pumps or valves via relays or PCs. Recommended for oil and petroleum fluids.

## MATERIALS

Stem : Brass  
Float : Buna-N (nitrofuel), S.G. 0,42  
Junction box : Polyamid 6  
Gasket : Nitrile  
Temp. media : -20...+100°C  
Temp. ambient : -20...+70°C

## CONTACT SYMBOLS

S = means NC low, NO going upwards  
O = means NO low, NC going upwards

## TEMPERATURE SWITCH

Level sensors may be equipped with built in over-temperature protection, if specified. Standard temperature switches open above +70°C and reset at +50°C. Other temperature settings or closing of contacts and tighter tolerances upon request.

## PROTECTION DEGREE

Junction box : IP67  
Stem : IP68

## ELECTRICAL DATA

|                  |              |
|------------------|--------------|
| Contact rating * | 70 VA        |
| max voltage      | 3-230 VAC/DC |
| max current      | 1,5 A        |

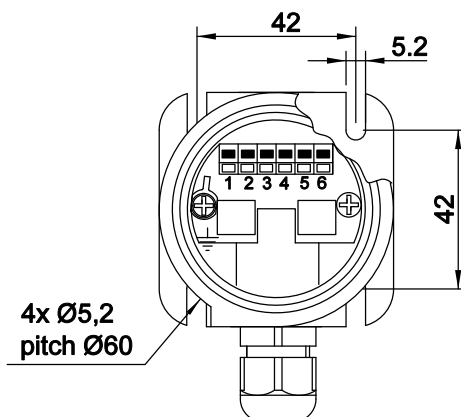
\* = resistive load  
No ground = max 50 V

Note. Above values are for resistive loads. Mechanical life is 30 millions. Use series resistor for lamp load, or other suitable protection for inductive loads if the rating is higher than 1/10 of the values above.

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■ = Switch closed

□ = Switch open



Section A-A