

HEMOMATIK Sweden

Liquid level and temperature switch

S=..... mm, O=..... mm, T=70°C

Art.nr. HMCHI-SOT1

Drawing nr. HMCHI-SOT1

Rev. 7

Approved P.L.140627

Scale 1:2

Temperature in series with low level.

Date 930505

Sign. MEM

Rev. date 140627



For switchpointsmm, see label
Label applied by user.

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. S.G. 0,3
Fitting : Brass
Connector : DIN 43650
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
V = change over

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.

INSTALLATION

Compression fitting is delivered not tightened. Decide and adjust level, once the nut is tightened the compression ring is firm on the stem.

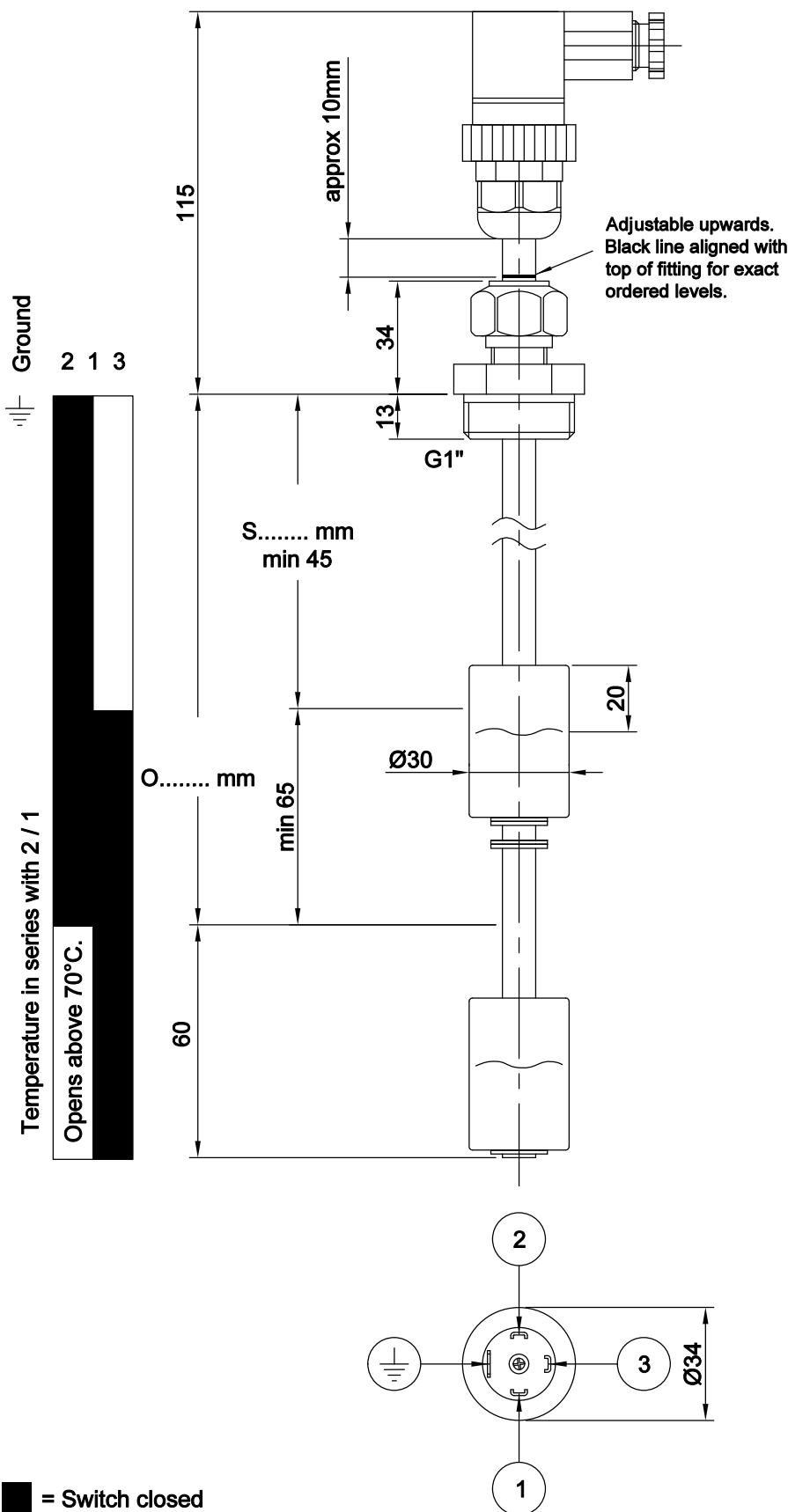
ELECTRICAL DATA

Contact rating *	70 VA
Supply 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.

Rights to the design and drawing belongs to HEMOMATIK Sweden, copyright ©



■ = Switch closed

□ = Switch open