

HEMOMATIK

Sweden

Liquid level and temperature switch

Art.nr.
HMFB-VPT100

V=..... mm

Drawing nr.
HMFB-VPT100

Rev.

2

Approved
P.L. 160609

Scale
1:2

PT100

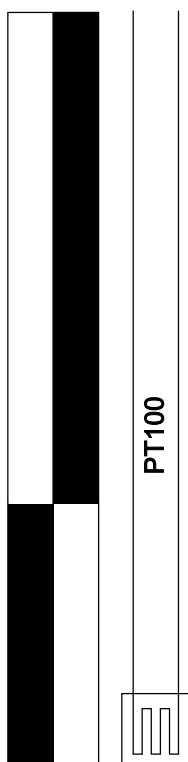
Date
160609

Sign.
MEM

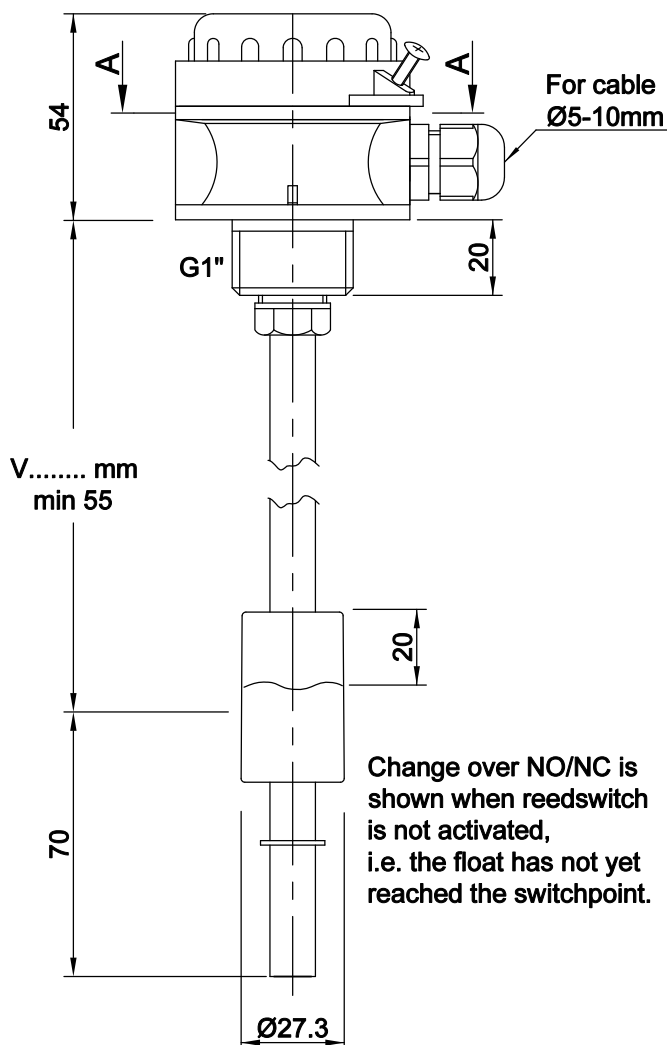
For switchpointmm, see label

Rev. date
211102

NO
2 1 3
C
5 6
NC



PT100



Change over NO/NC is shown when reedswitch is not activated, i.e. the float has not yet reached the switchpoint.

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 SENSOR

PT 100 Sensor according to DIN EN 60751, Class B

PROTECTION DEGREE

Junction box : IP67
Stem : IP68

ELECTRICAL DATA

Contact rating *	60 VA
max voltage	3-48 VAC/DC
max current	1 A

* = resistive load

TEMPERATURE SENSOR

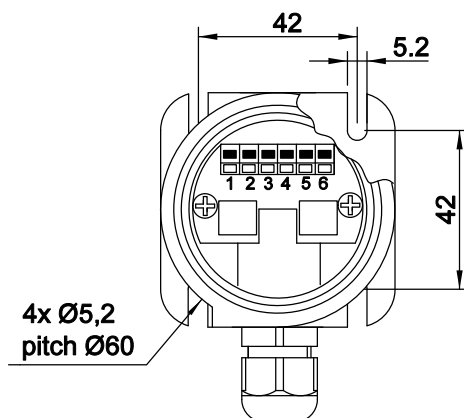
PT 100 DIN60751 B

-20°C	92,1 ohm
-10°C	96,1 ohm
0°C	100,0 ohm
10°C	103,9 ohm
20°C	107,7 ohm
30°C	111,6 ohm
40°C	115,5 ohm
50°C	119,3 ohm
60°C	123,2 ohm
70°C	127,0 ohm
80°C	130,8 ohm
90°C	134,7 ohm
100°C	138,5 ohm

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

■ = Switch closed

□ = Switch open



Section A-A