

HEMOMATIK Sweden

Liquid level and temperature switch

Art.nr.
HMFB-VT-M12PIGTAIL

V=..... mm

Drawing nr.
HMFB-VT-M12PIGTAIL

Rev.
0

Approved
P.L.140120

Scale
1:2

T=70°C

Date
131031

Sign.
MEM

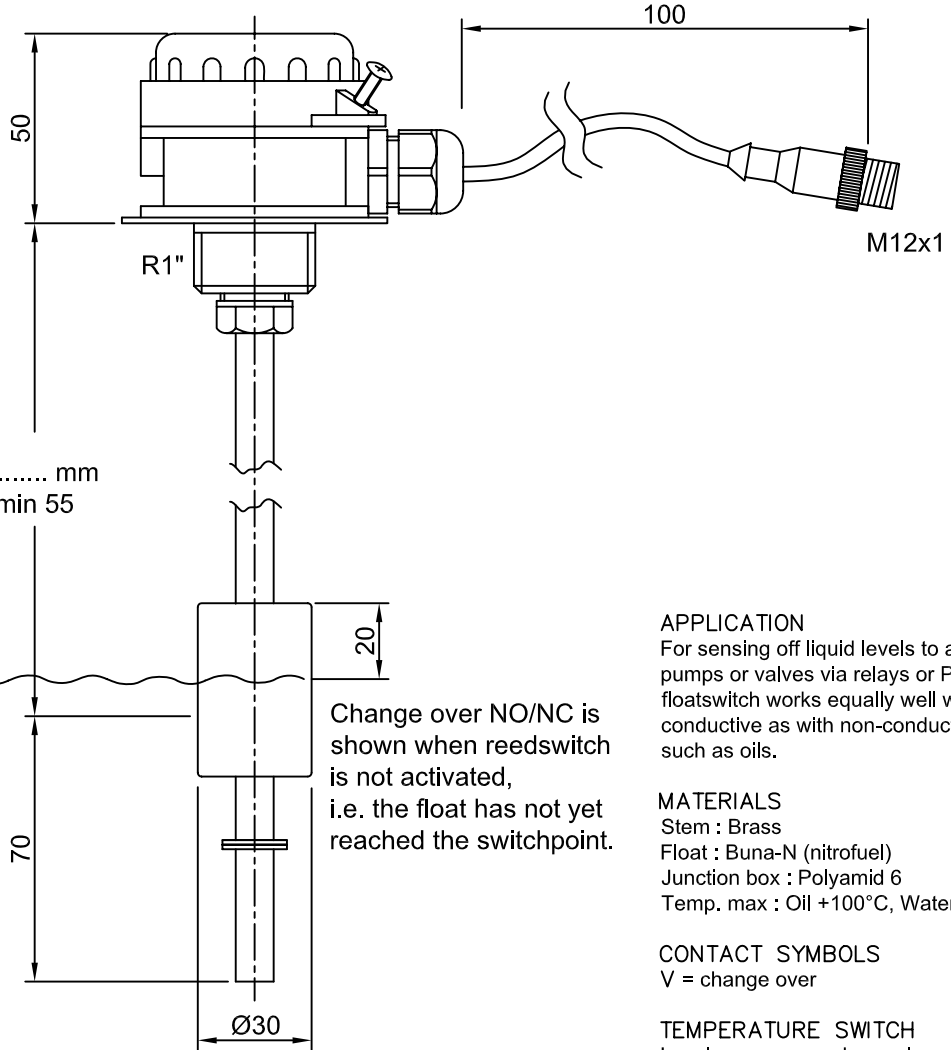
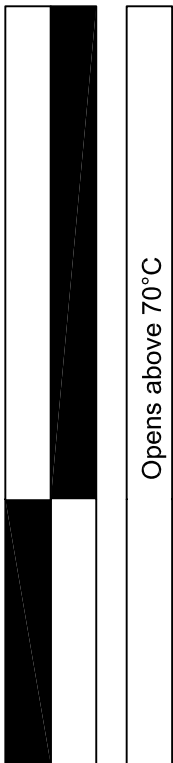
For switchpointmm, see label

Rev. date



- 1 : brown
- 2 : white
- 3 : blue
- 4 : black
- 5 : grey

NO C NC
2 1 3 4 5



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

APPLICATION

For sensing off liquid levels to activate pumps or valves via relays or PCs, a floatswitch works equally well with conductive as with non-conductive fluids such as oils.

MATERIALS

Stem : Brass
Float : Buna-N (nitrofuel)
Junction box : Polyamid 6
Temp. max : Oil +100°C, Water +80°C

CONTACT SYMBOLS

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.

ELECTRICAL DATA

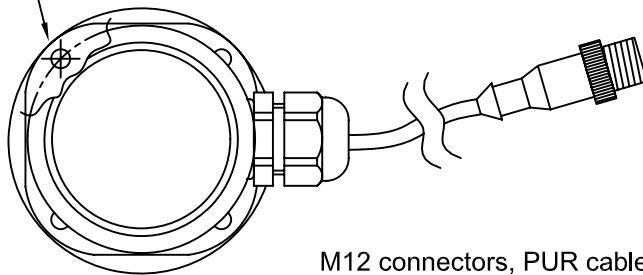
Contact rating *	60 VA
max voltage	50 V
max current	1 A

* = 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.

4x Ø5
pitch Ø60



M12 connectors, PUR cable
Ordered as separate part
Angled : H5FC-P050-K
Straight : H5FA-P050-K

■ = Switch closed

□ = Switch open