

Magnetic Level Indicator MAGNA-VOX Types 75/111F + 75/112F

The magnetic level indicators MAGNA-VOX type 75/111F and type 75/112F are models, which have a bigger distance between float and guide tube in contrast to standard design. The magnetic float is guided right in the middle of the tube. This arrangement makes this models suitable for plants with low boiling points, because the float will not be disturbed by rising gas bubbles. We suggest to integrate the indicator into measures of isolation.

Design

acc. German rules (TRD, AD), GL, LRS *

tube system material design "S" =
wetted parts made of stainless steel
mat. 1.4571 + 1.4301

connection: standard DIN-flanges DN15-DN25
other sizes, other standards, other design
(welding ends, thread ends) available on request
gasket of cover flange: inlayed thin sheet mat. 1.4401
with cover of graphite

MAGNA-VOX 75/111F:

float with round magnet, rotatable
float made of titanium Mat. 3.7035
for specific gravity up to min. 585 kg/m³

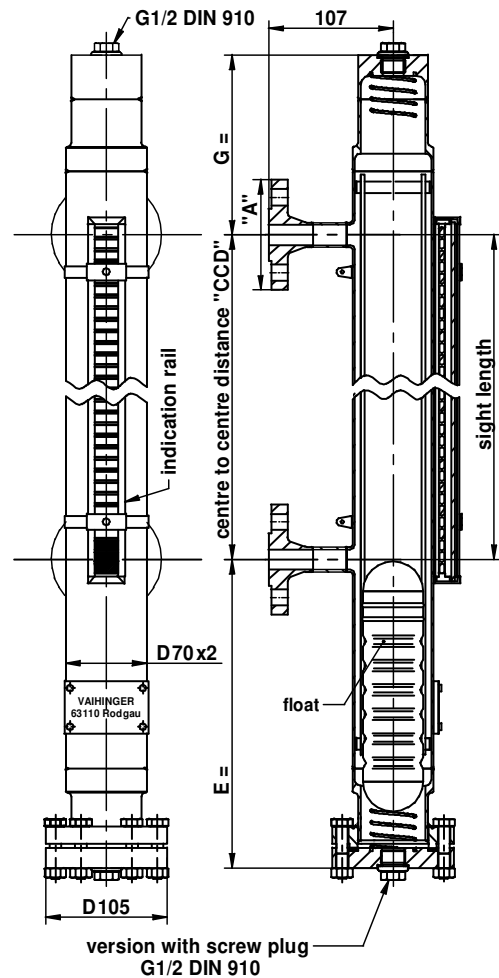
MAGNA-VOX 75/112F:

float with guide tube
float made of stainless steel mat. 1.4571
for specific gravity up to min. 620 kg/m³
float made of titanium mat. 3.7035
for specific gravity up to min. 435 kg/m³
indication rail made of aluminium alloy AlMgSi 0,5
with glass cover plate

Additional equipment

(see separate data sheets)
magnetic switch type 75/90
magnetic switch type 75/51 (inductive approx. switch)
magnetic switch type 75/80 (small signal only)
sensor type 75/F for remote indication
scale with graduation acc. customer's request
isolation helps for equipment
drain valve, G 1/2
shut off valves

* if wanted please order, design possibly different from drawing



operating pressure	operating temperature
40 bar	-10 up to 50 °C
37 bar	-10 up to 100 °C
32 bar	-10 up to 200 °C
28 bar	-10 up to 250 °C
all values for DIN flanges	
special designs -196 up to 400 °C	