

Magnetic Level Indicator MAGNA-VOX Type 75/100, PN 10

The magnetic level indicator MAGNA-VOX 75/100 is a hermetically closed tube system with magnetic level transmission to a magnetic indication rail. Therefore the indicator is suitable for all applications in chemical industry, petrochemical plants as well as for heating boiler equipment.

Design

Design in accordance with German rules (TRD, AD, DIN), GL approval*

Tube system material design "N" =
wetted parts made of carbon steel mat. 1.0460
and stainless steel mat. 1.4571
Tube system material design "S" =
all wetted parts made of stainless steel mat.
1.4571

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 graphit

rotatable float with round permanent magnets;
float material stainless steel mat. 1.4571;
suitable for min. specific gravity 850 kg/m³
(dim. E = 285 mm);
min. specific gravity 660 kg/m³
(dim. E = 360 mm);
float material titanium mat. 3.7035 suitable for
min. specific gravity 620 kg/m³
(dim. E = 360 mm);
indication rail made of aluminium alloy
AlMgSi 0,5 with glass cover plate

Additional equipment

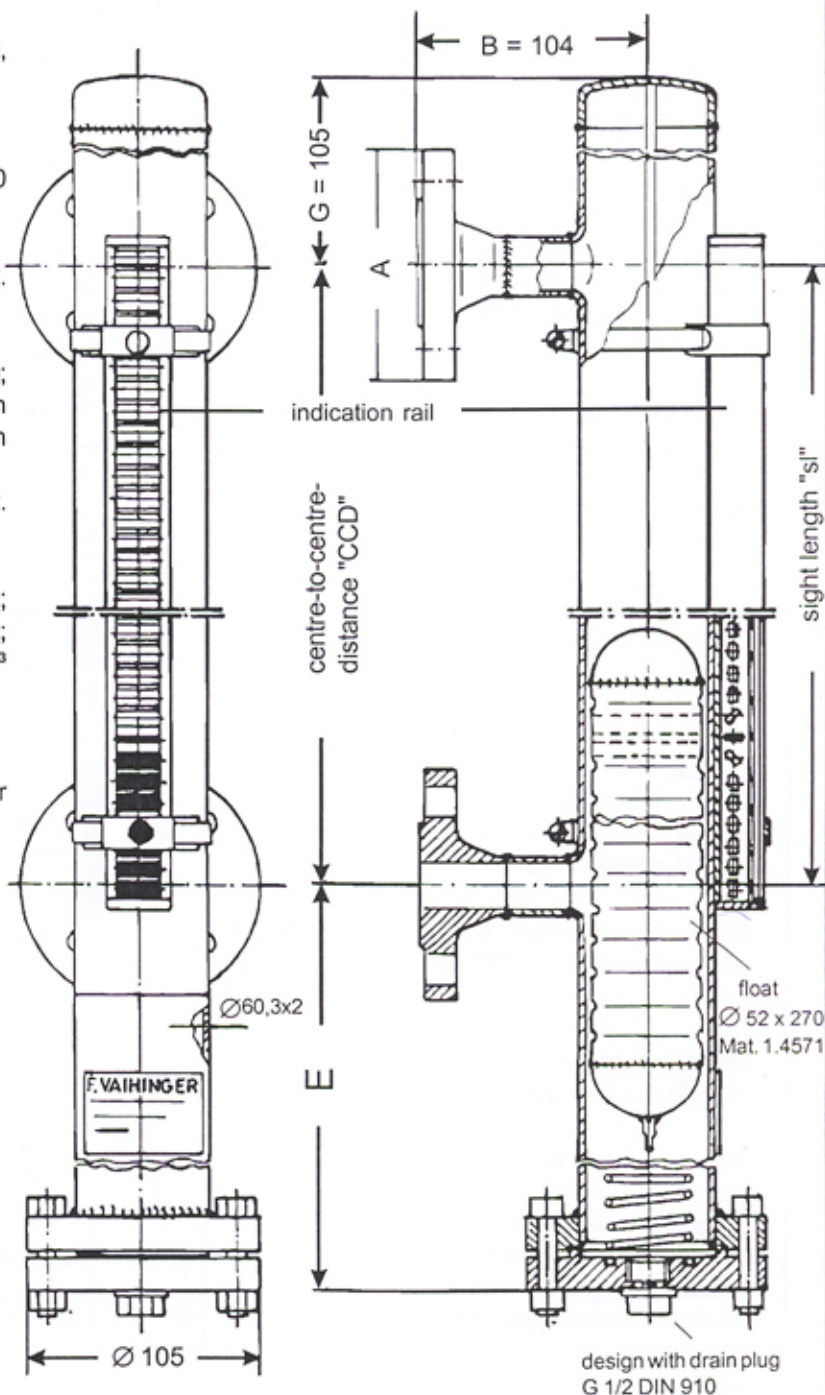
(see separate data sheet)
magnetic switch type 75/90
magnetic switch type 75/51
(inductive approx. switch)
magnetic switch type 75/80
(small signal only)
sensor type 75/F for remote indication
scale with graduation acc. to customers
specification
heating for frost protection
drain valve type 17/213, drain ball cock
shut-off valves
shut-off ball cock (compact design)

All measurements are standards for floats made of stainless steel 1.4571

* if wanted please order, design possibly different from drawing

Order data

type "N" or "S", flange size "A", centre-to-centre-distance "CCD", kind of liquid, spec. gravity of liquid, operating pressure, operating temperature, material design



design pressure	design temperature
10 bar	-20 up to 120 °C
8 bar	121 up to 200 °C
6 bar	201 up to 250 °C
all values for DIN flanges special design up to +400 °C	