

Magnetic Level Indicator MAGNA-VOX Type 75/111, PN 40

The magnetic level indicator MAGNA-VOX 75/111 is a pressure resistant steel 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) and ASME-code, GL, LRS approval *

design EExc for Ex-application *
in accordance to certificate TÜV 05 ATEX 2717X

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 graphite

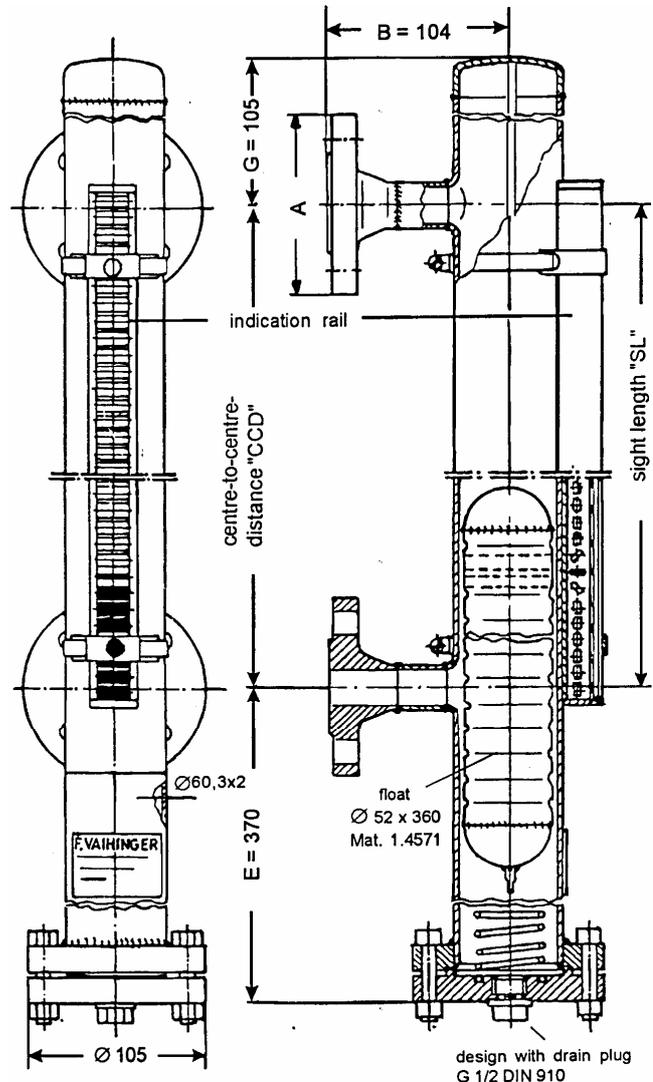
rotatable float with round magnets;
float material stainless steel mat. 1.4571 suitable
for min. specific gravity > 850 kg/m³ (PN 40)
min. specific gravity > 660 kg/m³ (PN25);
float material titanium mat. 3.7035 suitable
for min. specific gravity 620 kg/m³ (PN 40)

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, 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



design pressure	design temperature
40 bar	-10 up to 120 °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	

Order data

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



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