

# Magnetic Level Indicator MAGNA-VOX Type 75/101, PN 16

The magnetic level indicator MAGNA-VOX 75/101 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), GL, LRS approval \*

design EEx 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;

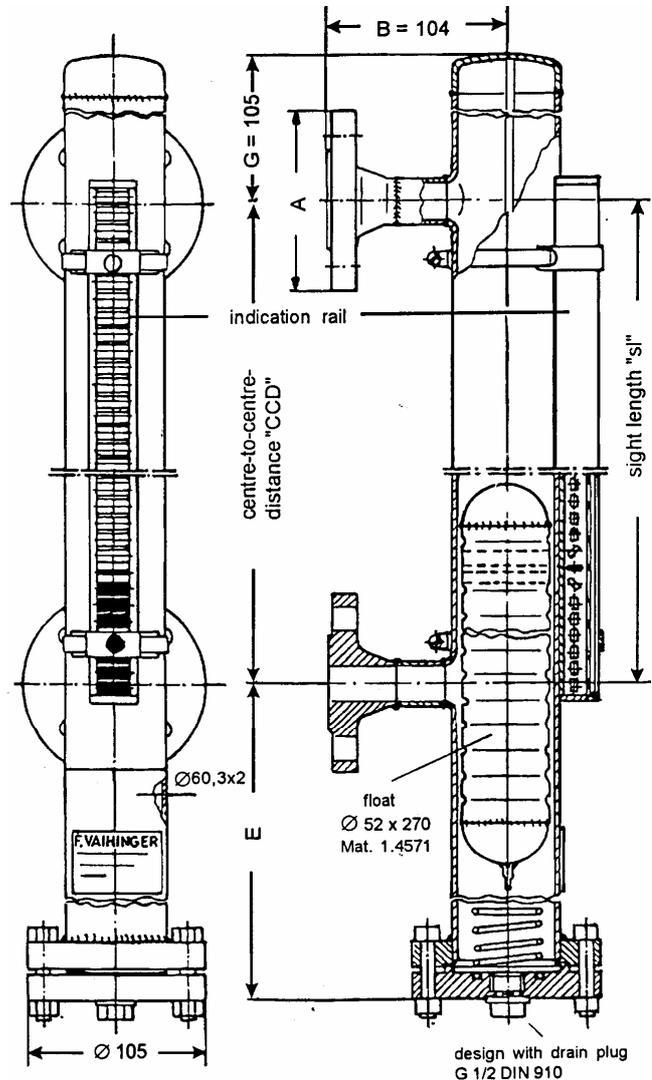
suitable for min. specific gravity 850 kg/m<sup>3</sup>  
(E = 285 mm);  
min. specific gravity 660 kg/m<sup>3</sup>  
(E = 370 mm);  
float material titanium mat. 3.7035  
suitable for min. specific gravity 620 kg/m<sup>3</sup>  
(E = 370 mm);  
indication rail made of aluminium alloy  
AlMgSi 0,5 with 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  
heating for frost protection  
scale with graduation acc. to customers specification  
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
16 bar	-10 up to 120 °C
13 bar	-10 up to 200 °C
11 bar	-10 up to 250 °C
all values for DIN flanges special designs -196 up to 400 °C	

## Order data

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

