

# Magnetic Level Indicator MAGNA-VOX Type 75/112, PN 40

The magnetic level indicator MAGNA-VOX 75/112 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 \*

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

with guided float  
float material stainless steel mat. 1.4571 suitable  
for min. specific gravity 620 kg/m<sup>3</sup>  
float material titanium mat. 3.7035  
suitable for min. specific gravity 414 kg/m<sup>3</sup>  
and 312 kg/m<sup>3</sup> if special design of tube system

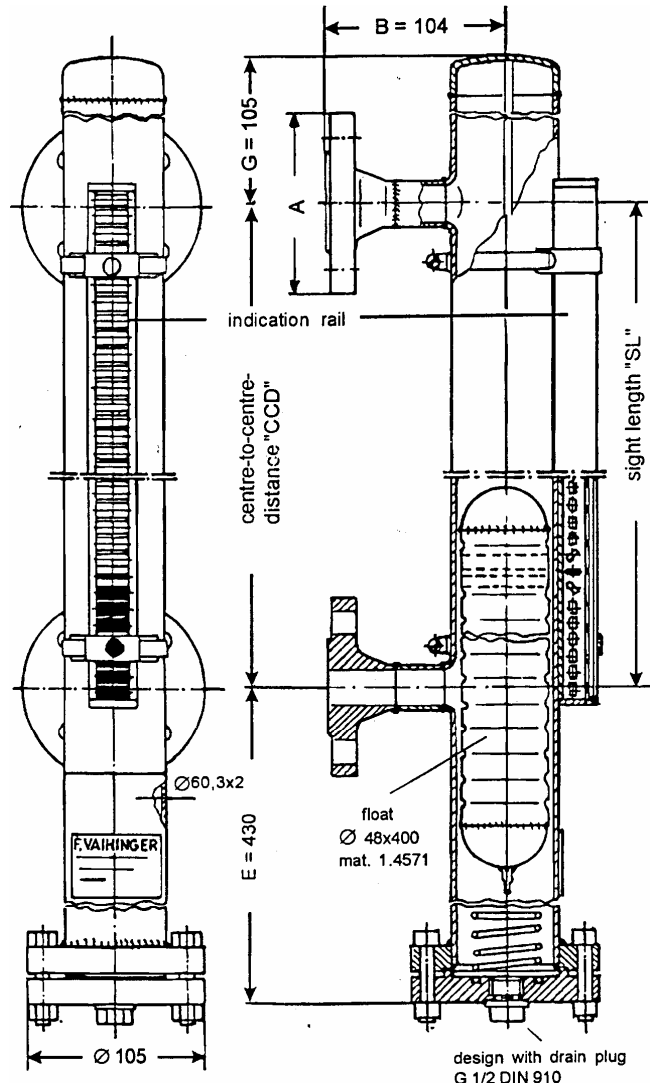
indication rail made of aluminium alloy  
AlMgSi 0,5 with glass cover plate

## 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, diff. design  
drain valve, drain ball cock  
shut-off valves, shut-off cock (compact design)

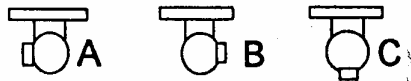
All measurements are standards for floats made of  
stainless steel 1.4571

\* if wanted please order, design possibly different from drawing



design with drain plug  
G 1/2 DIN 910

arrangement:



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

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



AveMar cz s.r.o., Lihovarská 10, 716 03 Ostrava - Radvanice, www.avemar.cz  
Tel.: +420 596 232 996 (7), Fax: +420 596 232 998, E-mail: avemar@avemar.cz