

# Magnetic Level Indicator MAGNA-VOX Type 75/141, PN 100

The magnetic level indicator MAGNA-VOX 75/141 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)

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 titanium mat. 3.7035  
suitable for min. specific gravity 925 kg/m<sup>3</sup>  
(E = 350 mm)  
suitable for min. specific gravity 815 kg/m<sup>3</sup>  
(E = 350 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 68/13, G 1/2  
shut-off valves

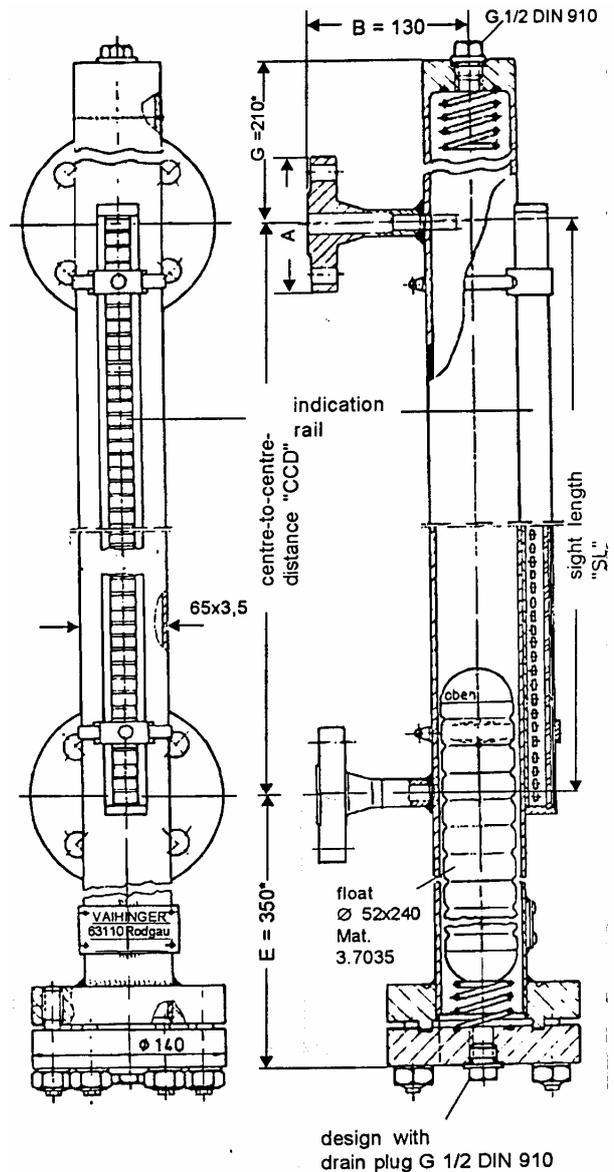
All measurements for standard design

\* depending on specific gravity of fluid

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

## Order data

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



| design pressure   | design temperature |
|---|--------------------|
| 100 bar   | -10 up to 120 °C   |
| 80 bar  | -10 up to 200 °C   |
| 70 bar  | -10 up to 250 °C   |
| all values for DIN flanges<br>special designs -196 up to 400 °C |                    |