

# Magnetic Level Indicator MAGNA-VOX Type 75/102, PN 16

The magnetic level indicator MAGNA-VOX 75/102 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

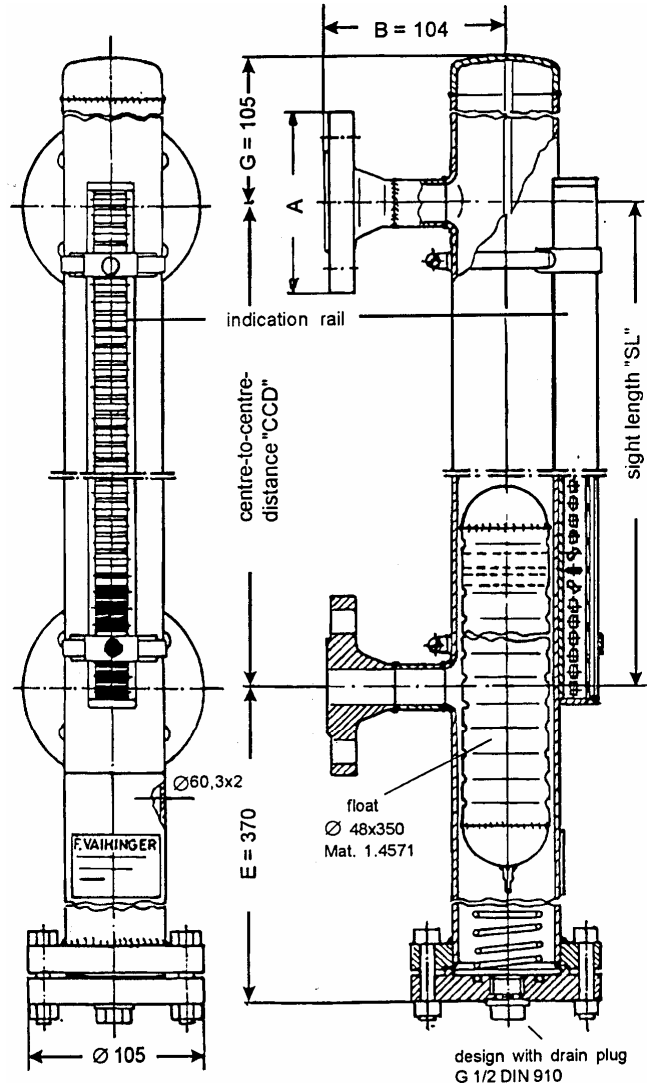
connection: standard DIN-flanges DN15-DN25;  
other sizes, other standards, other design (welding ends, thread ends) available on request.  
Gasket of cover flange: inlayed thin sheet mat. 1.4401 with cover of graphite;

with guided float;  
float material stainless steel mat. 1.4571 suitable for min. specific gravity 500 kg/m<sup>3</sup>  
float material titanium mat. 3.7035 suitable for min. specific gravity 370 kg/m<sup>3</sup>

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

arrangement:



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, arrangement A, B or C



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