

Magnetic Level Indicator MAGNA-VOX Type 75/142-3 S, PN 100

The magnetic level indicator MAGNA-VOX 75/142-3 S is a pressure resistant steel tube system with magnetic level transmission to a magnetic indication rail. The special float design for high pressure and low specific gravity makes the indicator suitable for all applications in chemical industry, petrochemical plants and for heating boiler equipment.

Design

The design of the tube system is made in acc. to the relevant german rules (TRD, AD). **

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

tube system:
wetted parts made of stainless steel mat. 1.4571

connection: standard DIN-flanges DN15 - DN25,
other size, 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

float with mechanical guide
rail arrangement (A-B-C) according customer's request

float made of titanium mat. 3.7035 suitable for
min. specific gravity 455 kg/m³ (E = 290 mm)

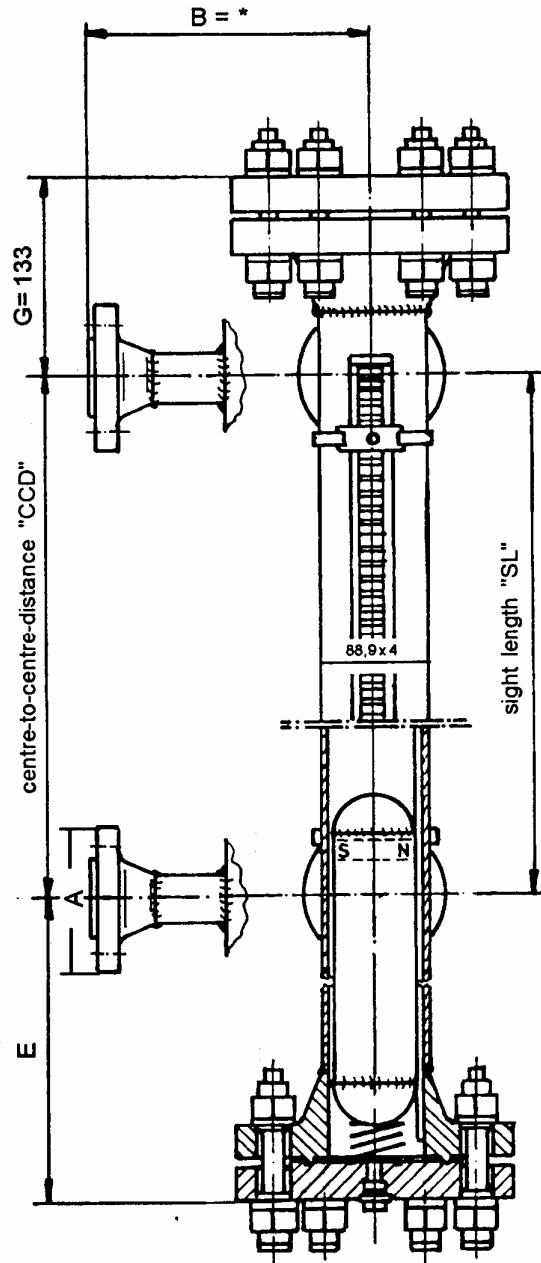
indication rail made of aluminium alloy
AlMgSi 0,5 with glass cover plate

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. customer's request
heating for frost protection, different design
drain valve type 68/13, G 1/2
shut off valves

* according connection flange

** if wanted please orer, design possibly different from drawing



arrangement:



Order data

flange size "A", centre-to-centre distance "CCD", kind of fluid,
spec. gravity of fluid, operating pressure, operating
temperature, arrangement indication rail (A-B-C)

design pressure	design temperature
100 bar	-10 up to 85 °C
80 bar	-10 up to 200 °C
72 bar	-10 up to 250 °C
all values for DIN flanges	
special designs -196 up to 400 °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