

Magnetic Level Gauge CL 150 up to 2500

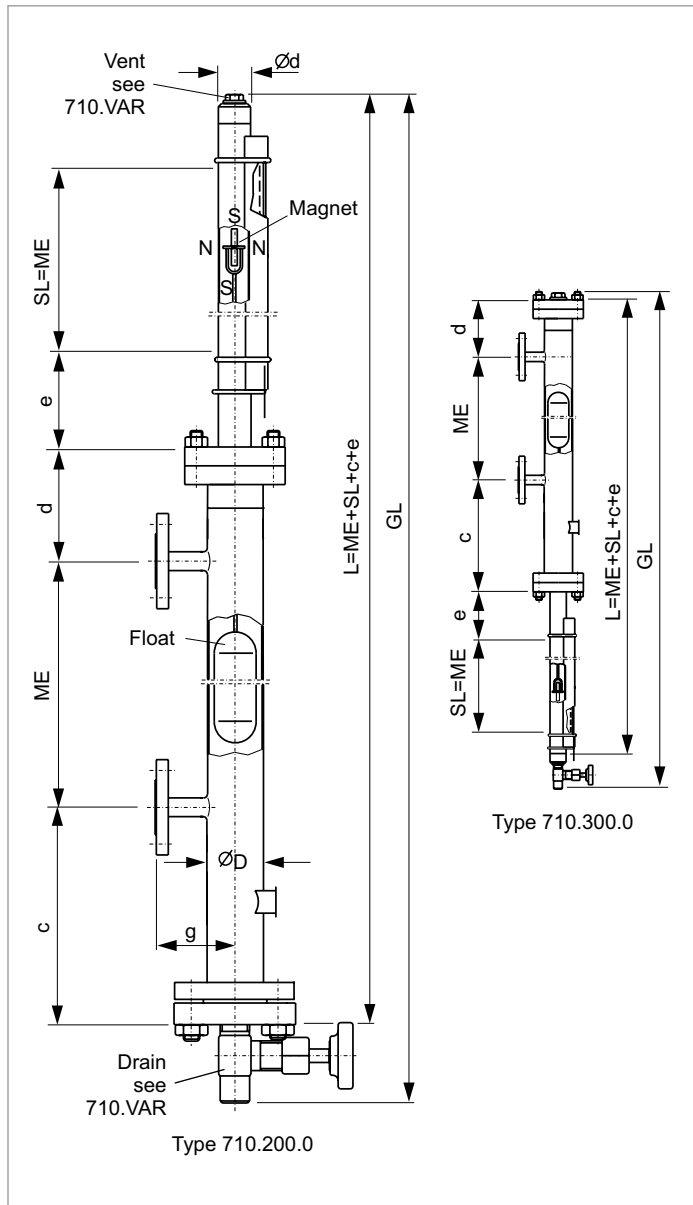
Magnetic indicating bar scale with fine resolution
indirect level indication, displaced
Fully closed housing with gapless weldings and butt-welded connections
Float magnet field totally circular with strong far field
Float defect control with indicating field in lower display end

Product group **710**

Type **2/300.0**

Sheet: 1/1 Revision: 0

Date: 09/03



Field of Application

The magnetic level gauge is for indicating the level height of liquids in any vessel via bypass. Simultaneously you can use level switches (s. 740.XXXX) or level sensors (s. 745.XXXX) mounted onto the indicator tube to signal level limits or measure the level height by remote control.

General Data

Density: see CL150 710.110...CL2500 710.160
Precision for Interface or density: from $\pm 0,01 \text{ g/cm}^3$
Measuring range (SL=ME): single piece up to 5000 mm
above splitted construction
from 3000 mm holding bracket each 1500 mm
Measuring error: $\pm 10 \text{ mm}$
Viscosity: see CL150 710.110...CL2500 710.160
Display type: 710.AVG3
Connection: weld end (Standard),
Flanges DIN and ANSI
Drain/vent: Flange stud DIN and ANSI(Standard),
plug 1/2" NPT,
optional 3/4" NPT, G1/2A, G3/4A
Valve DN8, optional DN6,
Cap
and acc. to customer spec.
Material tube, stud, 1.4571 (Standard), ANSI-coded
flanges, fixtures: Titanium, Hastelloy, etc.,
float: Titanium
Weight: see CL150 710.110...CL2500 710.160
+ weight for indication pipe

Design Data

Operating pressure: see CL150 710.110...CL2500 710.160
Temperature
Media: see CL150 710.110...CL2500 710.160

Certificates

Pressure Vessel Directive (PED) 97/23/EG
EC-Type Examination Certificate: TÜV 03 ATEX 2190
Zone 0
Subject to alterations

Ordering no.

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Version	displaced upwards	2						
	displaced downwards	3						
Density	e.g. 054=0,54 g/cm ³		X	X	X	Sight length SL=ME		

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