

Magnetic Level Gauge PN 16-400/CL 150-2500

Magnetic indicating bar scale with fine resolution, indirect level indication
 Indicating scale below containment
 Indicating elements permanent magnetic with stop pin
 Float magnet field totally circular with strong far field
 Float defect control with indication in lower display end

Product group **710**

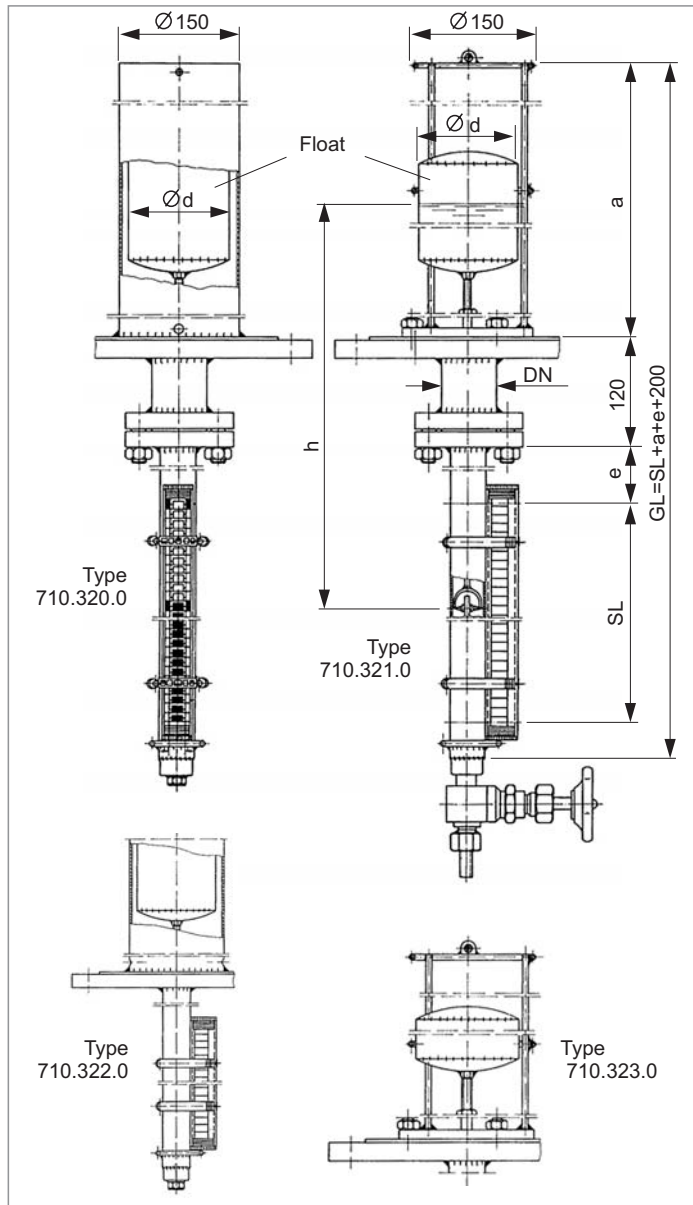
Type **32X.0**

Sheet: 1/1

Revision: 1

Date:

9/08



Field of Application

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

General Data

Density .320/1/2/3: from 0,7/0,6/0,7/0,7 g/cm³
 Interface/difference of density: from ±0,1 g/cm³
 Sight length SL: please request
 Accuracy: ±10 mm
 Viscosity: max 1000 mPas
 Display type: 710.AVG3
 Connection: flange-piece or direct
 Drain: plug 1/2" NPT/cap
 optional 3/4" NPT, G1/2A, G3/4A,
 Flange stud DIN and ANSI
 Valve ND8, optional ND6,
 and acc. to customer spec.
 DN min .320/1/2/3: 40/65/100/125
 Material tube, flanges, SS 1.4571
 fixtures, guide: optional, Hastelloy, Titanium etc
 DIN + ANSI-materials
 Float: 1.4571, titanium
 Float Ød .320/1/2/3: 40/56/85/108 mm
 Weight .320/1/2/3: Basic
 22,77/18,27/16,77/12,27 kg
 + 0,72 kg/100mm SL

Design Data

Pressure proc .320/1/2/3: up to 40,0 MPa
 Temperature media
 Reference vessel compl. 1.4571: -200 ... +400 °C
 flanges 1.0460: -10 ... +400 °C
 Below -10 °C Indicating scale 710.AVG2
 below -20 °C add frost protection with 710.ISOL
 In both cases preparation for insulation included

Certificates

Pressure equipment directive
 (PED) 97/23/EG
 EC-Type Examination Certificate: TÜV 03 ATEX 2190
 Zone 0

Subject to alterations

Ordering no.

7 1 0 . 3 2 X . 0 - X X X - X X X X

Version	Flange-piece, tube as float basket	0	X X X	Sight length SL
	Flange-piece, wire as float basket	1		
	direct, tube as float basket	2		
	direct, wire as float basket	3		
Density	z.B. 054=0,54 g/cm ³		X X X	

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