

Magnetic Level Gauge, Plastics PN 10/CL 150

Magnetic indicating bar scale with fine resolution, indirect level indication
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**

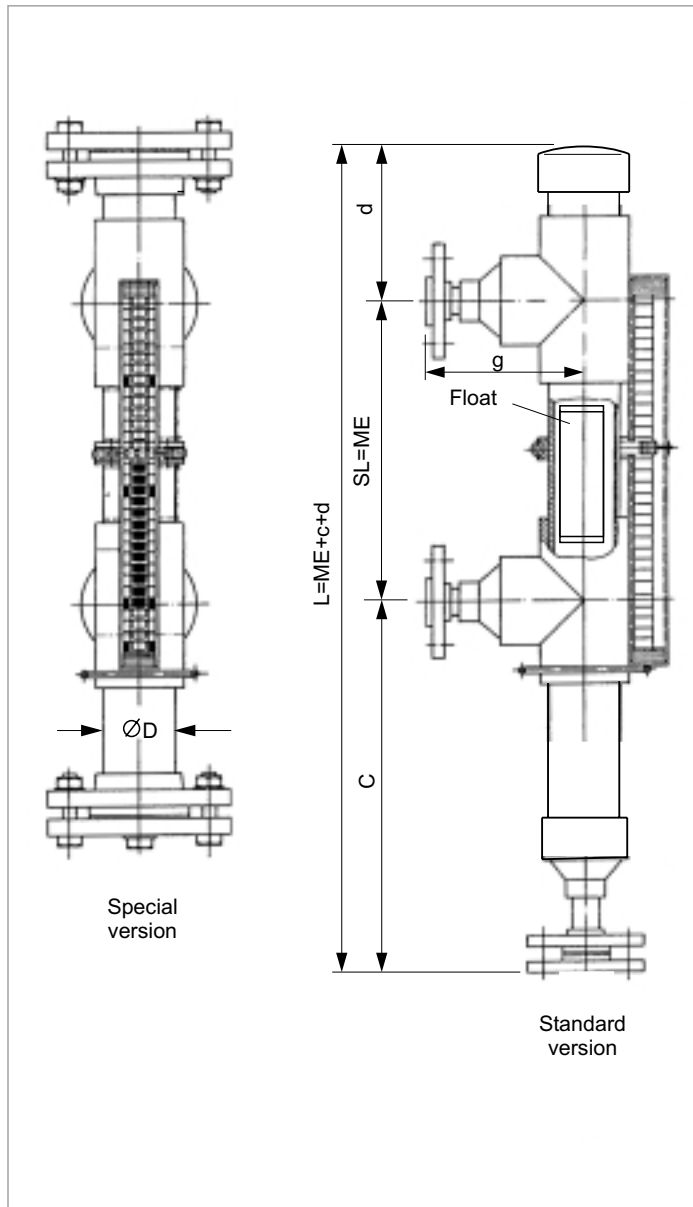
Type **102.0**

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 reference vessel tube to signal level limits or measure the level height by remote means.

General Data

Density: from 0,7 g/cm³
Interface/densitz difference: from ±0,1 g/cm³
Sight length SL=ME: up to 5000 mm,
above split construction,
from 2500 mm holding bracket/ring each 1500 mm
Accuracy: ±10 mm
Viskosity: max 1000 mPas
Display type: 710.AVG3
Connection: flange/piece DN25
Material tube, stud, flanges, fixtures, float: PE, PP, PVC, PVDF
Weight: Basic
PE: 2,37 kg + 0,22 kg/100mm SL
PP: 2,23 kg + 0,22 kg/100mm SL
PVC: 3,66 kg + 0,25 kg/100mm SL
PVDF: 4,16 kg + 0,24 kg/100mm SL

Design Data

Pressure proc: up to 1,0 MPa
Temperature media
PE at 0,1/0,25/1,0 MPa: 40/20/20 °C
PP at 0,1/0,6 MPa: 90/50 °C
PVC at 0,1/0,4/1,0 MPa: 60/40/20 °C
PVDF at 0,35/0,75/1,6 MPa: 140/80/20 (40) °C
Below -10 °C Indicating scale .AVG2 and below -20 °C add frost protection with 710.FROST.

Subject to alterations

Ordering no.

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

Density | e.g. 070=0,70 g/cm³

X X X

Center to center
SL=ME in mm

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