

## 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**

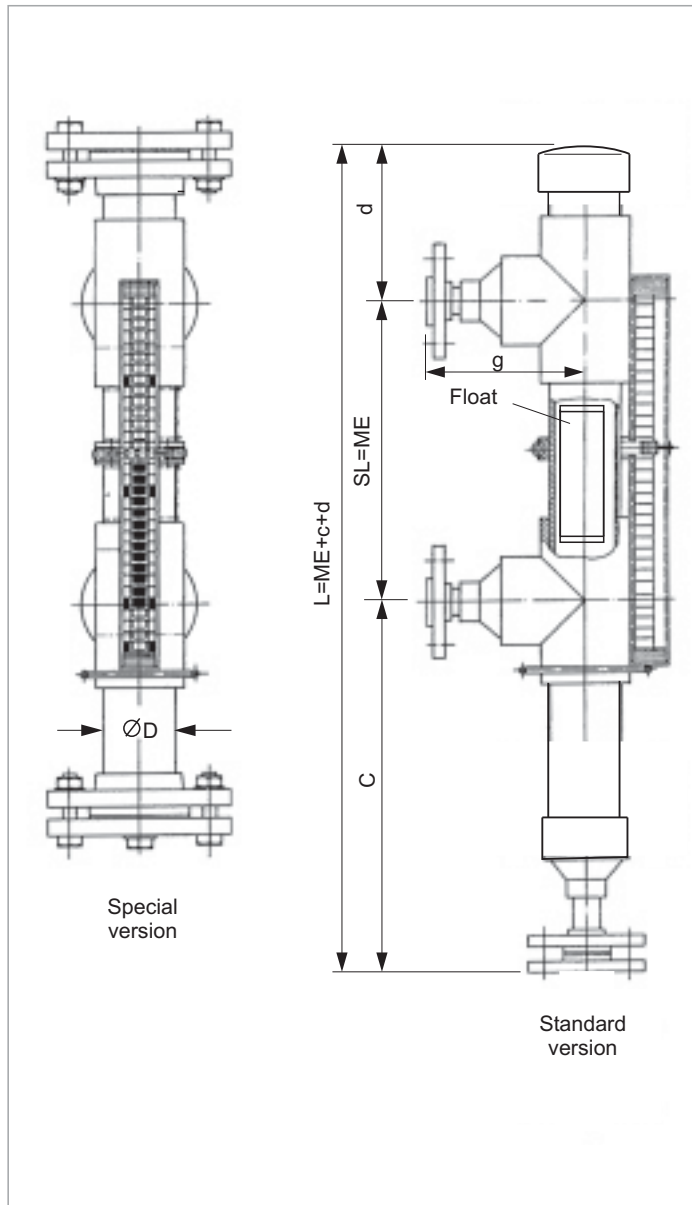
Type **102.0**

Sheet: 1/1

Revision: 4

Date:

08/17



### 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/cm<sup>3</sup>  
Interface/densitz difference: from ±0,1 g/cm<sup>3</sup>  
Sight length SL=ME: up to 5000 mm,  
above split construction,  
from 2500 mm holding bracket/ring each 1500 mm  
Accuracy: ±10 mm  
Viscosity: 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/cm<sup>3</sup>

X X X

Center to center  
SL=ME in mm

### Phönix Control Kft.

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