

The measuring length of the plastic bypass level indicator depends on the buoyancy of the float, which in turn depends on the density of the medium (g), max. LM on request, one part.

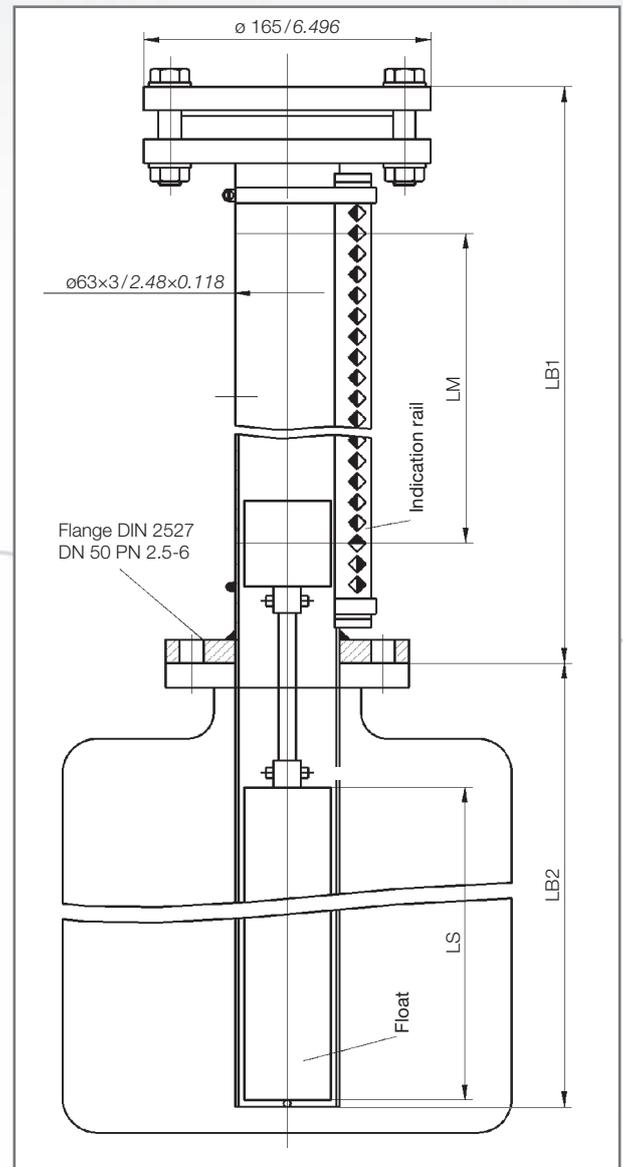
### Applications

Tanks in which due to their construction internal measurement is impossible, e.g. ship building, sewage works.

### Technical Data

|                             |  |                |                |               |               |
|-----------------------------|--|----------------|----------------|---------------|---------------|
| <b>Bypass tube:</b>         | ø63 x 3 mm   |                |                |               |               |
| Material:                   | PVC  | PVDF           | PP             |               |               |
| Nom. press. [bar]:          | 2.5  | 6.0            | 2.5            |               |               |
| Max. temp. [°C]:            | 60   | 140            | 80             |               |               |
| <b>Float:</b>               | <b>PVC 300</b>   | <b>PVC 300</b> | <b>PVC 400</b> | <b>PP 300</b> | <b>PP 400</b> |
| LM [mm]:                    | 1000   | 2000           | 2000           | 4000          | 4000          |
| Min. density [g/cm³]:       | 0.70   | 0.80           | 0.67           | 0.80          | 0.67          |
| Option:                     | Further floats on request  |                |                |               |               |
| <b>Proof pressure:</b>      | 1.5 x operating pressure   |                |                |               |               |
| <b>Process connections:</b> | Standard: Flange DN 50   |                |                |               |               |
| Option:                     | Special (larger) flange connections or in split version (to facilitate transport and installation) possible.   |                |                |               |               |
| <b>Indication rail:</b>     | Standard: Makrolon (polycarbonate) clear, with white/red indication flags, up to 150 °C media dependent  |                |                |               |               |
| <b>Dimensions:</b>          | LB2 = LB1+200 mm, LB2 is determined by LM, the tank geometry and the density of the medium   |                |                |               |               |
| <b>Accessories:</b>         | Limit switches,<br>Transmitters,<br>Electronic transmitters,<br>Isolation,<br>Tests/certificates   |                |                |               |               |
| <b>Order data:</b>          | Type: BNA-U301, BNA-U401 or BNA-U701<br>Medium: Density of medium [g/cm³]<br>Measuring length: LM [mm]<br>Installation data: Distance from tube flange to bottom of flange (LB2).<br>Further details or drawings with planned installation geometry are helpful. |                |                |               |               |
| Options and accessories:    | on request   |                |                |               |               |

### Dimensions (in mm/inch)



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Specifications are subject to changes without notice.