

Bypass Level Indicators

BNA-U102

The measuring length of the bypass level indicator depends on the buoyancy of the float, which in turn depends on the density of the medium, max. LM on request, two parts, medium temperature up to 150 °C max. and pressures up to 16 bar max.

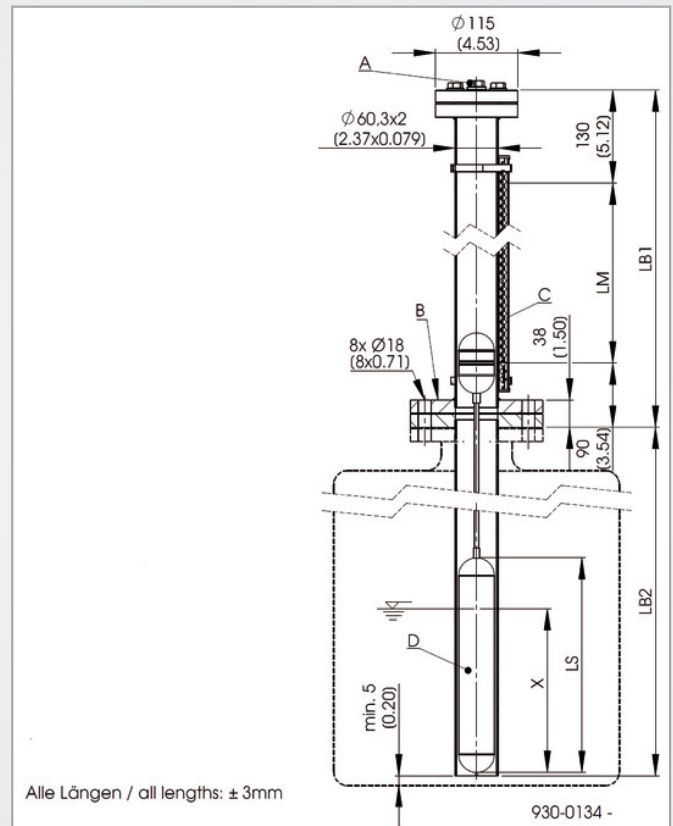
Applications

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

Technical Data

Bypass tube:	Stainless steel 1.4571 (SS 316 Ti) PN 16, Ø = 60.3 x 2 mm
Float:	
Standard:	TT 50-300, LM max. 4500 / 1.0 g/cm ³
Option:	Further floats on request
Proof pressure:	1.5 x operating pressure
Process connections:	
Standard:	With VA flange DIN 2527 DN 65 PN 16
Option:	Special (larger) flange connections available
Indication rail:	Makrolon (polycarbonate) clear, with white/red indication flags, up to 150 °C media dependent
Accessories:	Limit switches, Transmitters, Electronic transmitters, Tests / certificates
Order data:	
Type:	BNA-U102
Medium:	Density of medium [g/cm ³]
Measuring length:	LM [mm]
Installation data:	Distance from tube end to bottom of flange (LB2). Further details or drawings with planned installation geometry are helpful.
Options and accessories:	Shipyards version BNA-S-U102

Dimensions (mm / inch)



Description

A	vent plug G1/2"
B	blind flange EN 1092-1 Typ05 DN65 / PN16 form A including flange gasket (1 pcs)
C	indication rail
D	float
X	immersion depth depends on the density of the medium
LM	measuring length
LS	float length (300 mm [11.81 inch] standard)
LB1	length above tank
LB2	length inside tank