



Working Principle & Operation

It works on the principle of buoyancy, consists of aluminum scale Board, which are mounted on the side of the tank with brackets. As the liquid rises in the tank, float in the tank also rises up, in turn moving the pointer on the scale. The float is connected to the pointer with wire rope which glides over almost frictionless nylon rollers, thereby ensuring a trouble free operation. Float & Board level Indicator-Mechanical level indicator are widely used for oil tanks, large Acid tanks where in there is not much of pressure i.e. non pressurized tanks based on simple rope and Float principle.

Features

- Dust-proof pulley housing
- Guided & unguided construction available
- Polypropylene construction for chemical applications
- Sleek float with large diameter for higher accuracy

Applications

- Over ground / overhead storage tanks
- Water / DM water storage tanks
- Storage tanks for oil & petroleum products
- All non-hazardous & non-pressurized tanks

Specifications

Standard Version

Float material	:	AISI 316 SS
Board scale	:	6" Wide, 1 meter long in "C" Section
Material of board	:	Aluminium with Powder Coated
Pointer cradle	:	Carbon Steel Pointer with 6 Nylon Rollers for Frictionless gliding on.
Range	:	1500 to 20000 mm
Least count	:	5 mm
Rope	:	AISI 316 SS
Pulley housing	:	Dust proof Aluminium
Connecting pipe	:	Carbon Steel Powder Coated
Max Operating pressure of float	:	5 kg/cm ²
Maximum operating temperature	:	100°C
Specific gravity of fluid	:	0.75

How To Order - Ordering Example: 3411LG: FB.U.CS.B21.SS.2650mm.OG

Basic Model		3411LG : FB	
Code	Construction Type	Code	Construction Type
G	Guided	U	Unguided (Standard)*

* Available range up to 5000 mm

Code	Material Of Process Connection				
CS	Carbon Steel (Standard)	SS3	AISI 304 SS	SS	AISI 316 SS

Code	Process Connection	Flanged Connections (As per ANSI B 16.5)			
B09	½" 150# RF	B21	1" 150# RF (Standard)	B39	2" 150# RF
B10	½" 300# RF	B22	1" 300# RF	B40	2" 300# RF
B11	½" 600# RF	B23	1" 600# RF	B41	2" 600# RF
B15	¾" 150# RF	B33	1½" 150# RF	B51	3" 150# RF
B16	¾" 300# RF	B34	1½" 300# RF	B52	3" 300# RF
B17	¾" 600# RF	B35	1½" 600# RF	B53	3" 600# RF

Code	Material Of Float	Code	Material Of Float	Code	Material Of Float	Code	Material Of Float
SS3	AISI 304 SS	SS	AISI 316 SS (Standard)	SSL	AISI 316L SS	PP	Polypropylene

Code	Range
XX	Please specify in mm e.g. Write 2650 for 2650 mm (This indicator will be supplied from 1500 mm to 20000 mm)

Code	Installation Type
OG	Overground (Standard)
UG	Underground

Code	Options		
AP	Anchor Plate	SP	Seal Pot Assembly

For non standard products/optional items, please contact factory for delivery and minimum quantity of order.
Note : Guided construction will be provided with spring tension assembly.

** material test certificates will be provided for wetted parts only with chemical composition testing.
For others, please consult factory.

Note: Design and Specifications subject to change without prior notice.