

Model ILG

By-Pass Level Indicator
Side mounted

Working Principle & Operation

Magnetic level gauge consists float containing properly centered special magnet, has greater magnetizing force than the outside mounted flapper magnet of the indicator system. Attached to the chamber is a series of bi-colored flapper each containing magnet. As the liquid raise in the tank or vessel the same level comes in float chamber, due to buoyancy force flow starts moving within the chamber, which cause bi-colored flapper flip to the opposite sides or 180°, providing a visual display of the liquid and protects against the false actuation.

Special Features

- Enhanced protection due to metallic chamber
- Can be used for the level measurement for the atmospheric & pressurized condition
- Better reliability at high temperature & pressure
- Clear visibility of level for longer duration
- Easy to set contacts at different desired levels (optional)
- Transmitter output 4 - 20 MA (optional)

Applications

- Processing tanks & under ground tanks
- Pharmaceutical & beverage plants
- Custody transfer
- Chemical & fertilizer plant

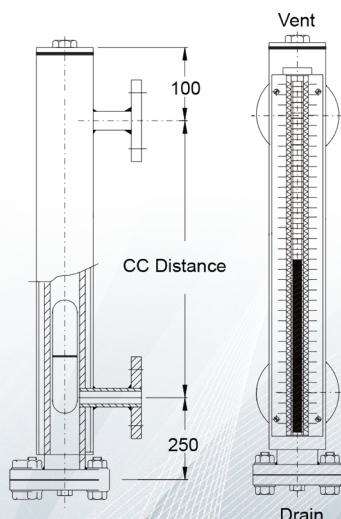
Specifications

Standard Version

Mounting	: Side
Top side vent	: Welded flat top with Plug
Bottom side drain	: Dual Flange & Plug (for Side Mounted)
Process connection	: Flanged or Screwed
C-C distance (+3 mm)	: 300 to 6000 mm
Flag display length (L)	: 300 to 6000 mm
Flag color	: Red & White
Scale material	: Aluminum
Max. Operating pressure	: 10 kg/cm ²

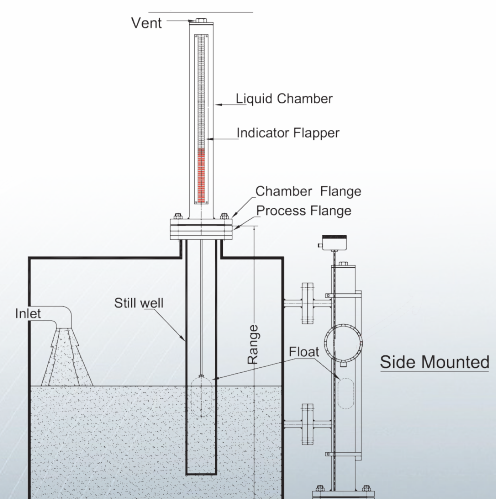
Max. Operating temperature	: -20 to 150°C
Chamber	: AISI 316 SS
Float	: AISI 316 SS
Indicator roller	: Metallic
Specific gravity	: 0.75 (Min.)

Dimensions - (Standard Version)



Note : Drawings are not to scale. All Dimensions are in mm

Mounting Type - Top or Side





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HOW TO ORDER						Example				
Basic Model						ILG				
Mounting										
S SIDE						X				
Wetted Parts						X				
10 Float / Chamber / Process Connection - AISI 316L SS						OR				
Temperature Range						XX				
T2 -20 to 120°C (Standard)						XX				
Pressure Range (*For option code 5)										
P1 0 to 3 kg/cm² *		P2 0 to 10 kg/cm² (Standard)		P3 0 to 25 kg/cm²		P4 0 to 50 kg/cm²	XX			
Top Side Vent										
F	Welded Flat Top + Plug - ½” NPT (M) (Standard)					X				
I	Welded Flat Top + Valve - ½” NPT (F)									
Bottom Side Drain										
K	Dual Flange + Plug - ½”NPT (M) (Standard)			N	Dual Flange + Valve - ½” NPT (M)		X			
C	Customized Design (Non - Standard)			T	Single Flanged (for Top Mounted)					
Process Connection										
Screwed Connections			Flanged Connections(As per ANSI B 16.5)							
4NM	½” NPT (M)	4BM	½” BSP (M)	B09	½ 150# RF	B22	1 300# RF	B41	2 600# RF	XXX
4NF	1/2” NPT (F)	4BF	1/2” BSP (F)	B10	1/2” 300# RF	B23	1” 600# RF	B51	3” 150# RF	
5NM	3/4” NPT (M)	5BM	3/4” BSP (M)	B11	1/2” 600# RF	B33	1½” 150# RF	B52	3” 300# RF	
5NF	3/4” NPT (F)	5BF	3/4” BSP (F)	B15	3/4” 150# RF	B34	1½” 300# RF	B53	3” 600# RF	
6NM	1”NPT (M)	6BM	1”BSP (M)	B16	3/4” 300# RF	B35	1½” 600# RF			
6NF	1”NPT (F)	6BF	1”BSP (F)	B17	3/4” 600# RF	B39	2” 150# RF			
				B21	1” 150# RF	B40	2” 300# RF			
Center To Center Distance										
Please specify in mm (e.g. Write 800 for 800 mm Center to Center Distance)										
Material Of Scale						800 mm				
A	Aluminum (standard)		S	AISI 304						
Flag Color						X				
RW Red & White (standard)						XX				
Options										
SX	SS Tag Plate		GH	Material Test Certificates **						
**Material Test Certificates will be Provided for Wetted Parts only with Chemical Composition Testing.						XX				
For Others, Please Consult Factory.										
Ordering Information: Specify model no., Liquid, Specific Gravity, Operating Pressure & Operating Temperature.										