

## FEATURES

- Easy Installation
- External Mounting
- Side or Top mountable
- Bi-color flag indicators
- Optional point level switches
- Optional transmitter output

## APPLICATION

- Oil or Water storage tanks
- Chemical / Fertilizer plants
- Pharmaceutical plants
- Under ground storage tanks

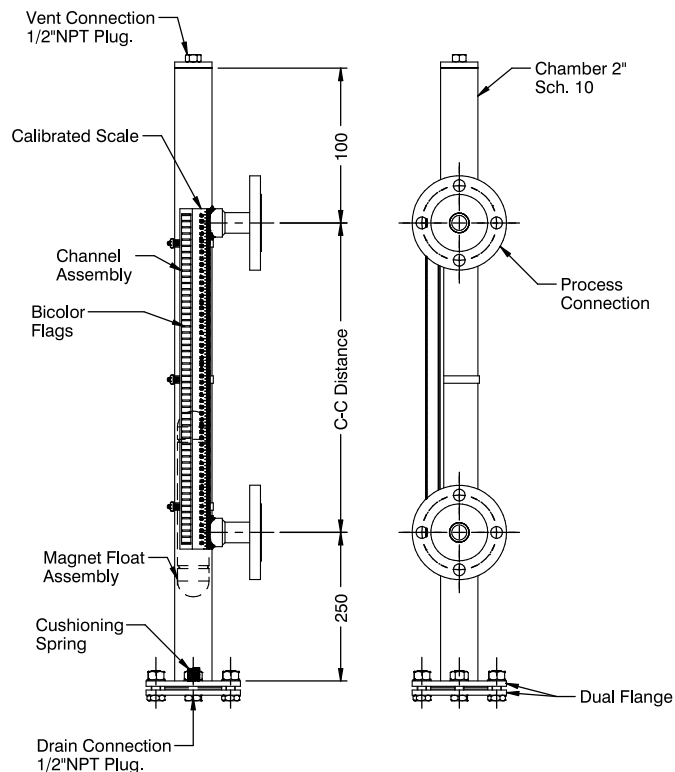
### Bi-color Type



### STANDARD SPECIFICATIONS

Process connection	:	Threaded / Flanged
Center-to-Center distance	:	250 mm (Min.) up to 6000 mm (Max.)
Indicator length	:	250 mm (Min.) up to 6000 mm (Max.)
Chamber material	:	AISI 316 SS
Measuring error	:	10 mm
Mounting	:	Side/Side or Top
Scale material	:	Aluminum (Standard) , AISI 304 SS (Optional)
Indication flag color	:	Blue & White (Standard), Red & White (Optional)
Indicator rollers	:	Metallic
Max. operating temperature	:	120°C
Max. operating pressure	:	10 bar
Min. Specific Gravity	:	0.75
Vent / Drain connection	:	1/2" NPTF, plugged

### DIMENSIONAL DRAWING



All dimensions are in mm.

## APPROVALS



## ORDERING CODES

## 1. BASIC MODEL

**HP** Top mounting version  
**HS** Side / Side mounting version

HS

## 2. WETTED PARTS / FLOAT

**MC** AISI 304 SS      **MF** AISI 316 SS  
**MG** AISI 316L SS    **M4** PP (Polypropylene)

MF

## 3. TEMPERATURE RATING

**T0** -20...120°C      **T4** -20...400°C

T0

## 4. PRESSURE RATING

**P0** 0...10 bar    **P2** 0...25 bar    **P5** 0...50 bar

P0

## 5. VENT CONNECTION

**E11** Cap + Plug (1/2" NPTM)  
**E12** Cap + Plug (3/4" NPTM)  
**E13** Cap + Plug (1" NPTM)  
**E14** Cap + Valve (1/2" NPTF)  
**E15** Cap + Valve (3/4" NPTF)  
**E21** Welded top + Plug (1/2" NPTM)  
**E22** Welded top + Plug (3/4" NPTM)  
**E23** Welded top + Plug (1" NPTM)

E11

## 6. DRAIN CONNECTION

**E31** Dual flange + Plug (1/2" NPT)  
**E34** Dual flange + Valve (1/2" NPT)  
**E35** Dual flange + Valve (3/4" NPT)  
**E12** Cap + Plug (3/4" NPT)  
**E13** Cap + Plug (1" NPT)

E31

## 7. PROCESS CONNECTION

**14N** 1/2" NPT (M)      **15N** 3/4" NPT (M)  
**14B** 1/2" BSP (M)      **15B** 3/4" BSP (M)  
**16N** 1" NPT (M)      **18N** 2" NPT (M)  
**16B** 1" BSP (M)      **16B** 2" BSP (M)  
**A31** 2" RF 150# as per ANSI B 16.5  
**A43** 3" RF 150# as per ANSI B 16.5  
**A49** 4" RF 150# as per ANSI B 16.5  
**A32** 2" RF 300# as per ANSI B 16.5  
**A44** 3" RF 300# as per ANSI B 16.5  
**A50** 4" RF 300# as per ANSI B 16.5

14N

## 8. CENTRE-TO-CENTRE DISTANCE

**XXXX** 500 mm up to 6,000 mm

1200

## 9. SCALE

**XP** Aluminum scale    **XQ** AISI 304 SS scale  
**xx** AISI 316 SS scale

XP

## 10. INDICATION FLAG COLOR

**G1** Blue & White flags    **G2** Red & White flags

G1

## 11. NUMBER OF SWITCHES

**1** One      **2** Two  
**3** Three    **4** Four

X

## 12. TYPE OF SWITCH

**LR1** 1 SPST, 0.5 A / 230VAC  
**LM1** 1 SPDT, 5A / 250VAC

XXX

## 13. SWITCHING ACTION &amp; POINTS

**P** Point 1 with NO      **Q** Point 2 with NO  
**R** Point 3 with NO      **S** Point 4 with NO  
**T** Point 1 with NC      **U** Point 2 with NC  
**V** Point 3 with NC      **W** Point 4 with NC

X

## 14. SWITCH ENCLOSURE

**BP** Watherproof, IP 65  
**BQ** Flame proof, IP 67, Gr IIA, IIB  
**BR** Explosion proof, IP 67, Gr IIC

XX

## 15. OTHER OPTIONS

**G** Still Well, ASTM A 105  
**H** Still Well, AISI 304 SS  
**7** Still Well, AISI 316 SS  
**8** Still Well, AISI 316L SS  
**9** Transmitter output, 4...20mA  
**XF** Tag plate, AISI 304 SS  
**TC** Material test certificate 3.1  
**TP** Performance test certificate  
**HM** Mating flange  
**KE** Cable gland, double compression  
Weatherproof, Ni-plated brass  
**KG** Cable gland, double compression  
Weatherproof, AISI 304 SS  
**KK** Cable gland, double compression  
Flameproof, Ni-plated brass  
**KL** Cable gland, double compression  
Flameproof, AISI 304 SS

XF

**Ordering Example : L201-HS-MF-T0-P0-E11-E31-14N-1200-XP-G1-X-XXX-X-XX-XF**

## NOTES:

- For any special requirements, or special connections, please contact factory.
- Wetted parts includes float, chamber & process connection.
- Indicator shall be supplied as single-piece for length up to 3,500 mm, above that in two-piece construction.