

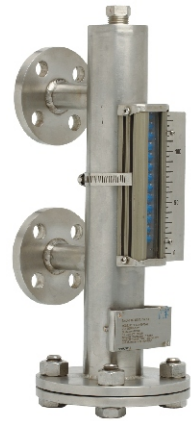
FEATURES

- 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

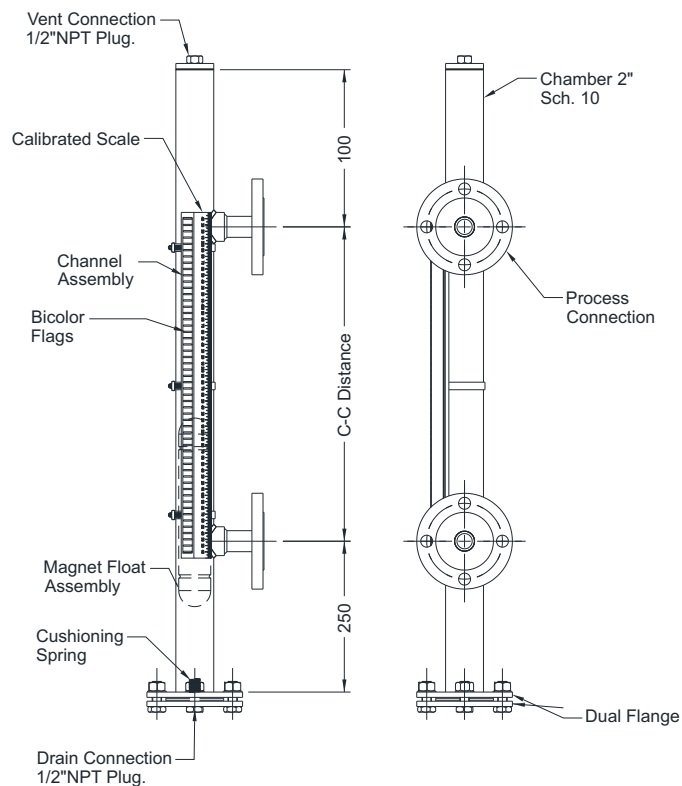
Bi-color, By-pass Level Indicator



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



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) **18B** 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, Reed switch
LM1 1 SPDT, 5A / 250VAC, Microswitch

XXX

13. SWITCHING ACTION & 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 67
BQ Flame proof, IP 67, Gr IIA, IIB
BR Explosion proof, IP 67, Gr IIC
BU Ex-Proof to CSA, FM, ATEX [EEx-d]

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
HY Float failure detection
XF Tag plate, AISI 304 SS
TC Material test certificate 3.1
TP Performance test certificate
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.
- For details about Mating flanges & mounting nut/bolts, please refer our catalogue A406.