



Specification:

Mounting
Chamber/Float/Process connection
Packing
Process connection
Vent & Drain
Material of scale
Level Indication
C-C distance

Max operating temperature
Max. Pressure
Min. Specific Gravity

Accessories

: Side / Top.
: SS304 / SS316 / SS316L / Polypropylene
: PTFE / CAF / CNAF / Graphoil SS Reinforced / Spiral Wound Gr. Filled.
: Flanged / Threaded.
: Plug / valve
: Aluminum / SS304 / SS316.
: Follower capsule / Bicolor Rotating Flappers
: 3000mm max. For Follower capsule type.
: 6000mm max. For Bicolor Rotating Flappers.
: 70 °C / 150 °C / 400 °C .
: 10 Bar / 25 Bar / 50 Bar / 100 Bar.
: 0.5 for side mounted Type
: 0.7 for Top mounted Type
: Switch (reed / Micro) / Transmitter.

LGM

Level Gauge-Magnetic (Side/Top mounted type)

LGM- Magnetic type level gauges is commonly used for visual level indication of liquids, which attack glass or are hazardous, flammable, Toxic, Aggressive, Agitated, contaminated and under High Pressure & Temperature i.e. for service, where glass gauges are unsafe.

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)

Application:

- Chemical / Petro-chemical,
- Processing tanks & underground tanks
- Pharmaceutical & beverage plants
- Chemical & fertilizer plant

Model code (Example)

How to order

LGM

Mounting:

S

S: Side **T:** Top

Chamber / Float / Process connection:

X

S: SS 304 **X:** SS 316 **L:** SS316L **P:** Polypropylene **O:** other

Pressure:

P2

P1: 3 Kg/cm2 **P2:** 10 Kg/cm2 **P3:** 25 Kg/cm2 **P4:** 50 Kg/cm2 **P5:** 100 Kg/cm2

Temperature:

T2

T1: 70 °C **T2:** 150 °C **T3:** 400 °C

Gasket:

P

C: CAF **N:** CNAF **P:** PTFE **G:** Graphoil **S:** Spiral Wound Gr.Filled **O:** other.

Process connection: Select XYZ form Table mentioned below.

A0A

For other connection please mention in Bracket (e.g. write "[20 NB PN10]")

X	Y	SIZE	Z	CONNECTION
X	5	1/2"	1	BSP(M)
X	7	3/4"	2	BSP(F)
A	0	1"	3	NPT(M)
A	5	1 1/2"	4	NPT(F)
B	0	2"	A	150#
C	0	3"	B	300#
D	0	4"	C	600#

Table for Connection Size & Type.

Vent: e.g. write "A [size from above table]"

A[X53]

A: Plug **B:** Needle valve **C:** Ball valve **O:** other

Drain: e.g. write "A [size from above table]"

A[X53]

A: Plug **B:** Needle valve **C:** Ball valve **O:** other

Scale material:

A

A: Aluminum **S:** SS304 **P:** SS316 **O:** other

Level Indication:

B

C: Follower capsule (max. 150 °C) **B:** Bicolor Rotating Flappers

Range/ C-C distance:

XXX

Specify in mm (e.g. write 500 for 500mm C-C distance)

Switch:

N

A: SPST – Monostable Reed switch

B: SPDT – Monostable Reed switch

C: SPDT– Monostable Micro switch – IP65

D: SPDT– Bistable Micro switch – IP65

E: SPDT– Monostable Micro switch – Ex. Proof Gr. IIA & IIB.

F: SPDT– Bistable Micro switch – Ex. Proof Gr. IIA & IIB.

N: None

Transmitter:

N

N: None **W:** Weather proof IP-65. **X:** Ex.proof Gr. IIA & IIB

Still Well: (for Top Mounting)

N

N: None **S:** SS 304 **X:** SS 316 **L:** SS316L **P:** Polypropylene **O:** other

Option: Select multiple option e.g. "I / M / S"

I: Isolation Valve **M:** Matching Flange **S:** SS Tag Plate **T:** Material Test Certificates **N:** NACE **D:** NDT

Model code Example. LGM-S-X-P2-T2-P-A0A-A[X53]-A[X53]-A-B-XXX-N-N-N-I/M/S.

Note:

- Model code mentioned in Example is our standard specification.
- For any other custom requirement please mention in bracket "[]".