



# LGM01

## MAGNETIC LEVEL GAUGE



LGM01\_DS\_R00\_01022024

The LGM01 Magnetic Type Level Gauges are commonly used to show how much liquid is in a container. These gauges offer a safe and dependable way to keep an eye on liquid levels in tough conditions.

They're great for situations where it's not safe to use regular glass gauges, like when the liquid is dangerous, flammable, toxic, aggressive, stirred up, dirty, or under high pressure and temperature.

### FEATURES

- **Enhanced Protection:** The metallic chamber provides added protection.
- **Versatile Use:** Suitable for level measurement in both atmospheric and pressurized conditions.
- **High Reliability:** Demonstrates better reliability, especially at high temperatures and pressures.
- **Clear Visibility:** Ensures clear visibility of the level for extended durations.
- **Customizable Contacts:** Easy setup of contacts at different desired levels, with optional customization.
- **Transmitter Output (Optional):** Offers a transmitter output of 4 - 20 mA for additional flexibility.

## SPECIFICATIONS

Mounting	Side / Top
Chamber/Float/Process connection	SS304 / SS316 / SS316L / Polypropylene
Packing	PTFE / CAF / CNAF / Graphoil SS Reinforced / Spiral Wound Gr. Filled.
Process connection	Flanged / Threaded
Vent & Drain	Plug / valve
Material of scale	Aluminum / SS304 / SS316
Level Indication	Follower capsule / Bicolor Rotating Flappers
C-C distance	3000mm max. For Follower capsule type
	6000mm max. For Bicolor Rotating Flappers
Max operating temperature	70° C/150° C/400° C
Max. Pressure	10 Bar/25 Bar/50 Bar/ 100 Bar
Min. Specific Gravity	0.5 for side mounted Type
	0.7 for Top mounted Type
Accessories	Switch (reed / Micro) / Transmitter

\*\*Design and specifications are subject to change without notice

## ORDERING CODE

LGM01\_DS\_R00\_01022024

Magnetic Level Gauge Series	LGM01		
Mounting Type	X	S	Side
		T	Top
Chamber/Float Connection	X	S	SS 304
		X	SS 316
		L	SS 316L
		P	Polypropylene
		O	Other
Pressure	XX	P1	3 Kg/cm <sup>2</sup>
		P2	10 Kg/cm <sup>2</sup>
		P3	25 Kg/cm <sup>2</sup>
		P4	50 Kg/cm <sup>2</sup>
		P5	100 Kg/cm <sup>2</sup>
Temperature	XX	T1	70° C
		T2	150° C
		T3	400° C
Gasket	X	C	CAF
		N	CNAF
		P	PTFE
		G	Graphoil
		S	Spiral Wound Gr.Filled
		O	Other

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Type(X) & Size(Y)	XY	X5	1/2"
		X7	3/4"
		A0	1"
		A5	1 1/2"
		B0	2"
		C0	3"
		D0	4"
Connection	X	1	BSP(M)
		2	BSP(F)
		3	NPT(M)
		4	NPT(F)
		A	150#
		B	300#
		C	600#
Vent : Write A[Type, Size & Connection] - Eg: A[X53]	X	A	Plug
		B	Needle Valve
		C	Ball Valve
		O	Other
Drain : Write A [Type, Size & Connection] - Eg: A[X53]	X	A	Plug
		B	Needle Valve
		C	Ball Valve
		O	Other
Scale Material	X	A	Aluminium
		S	SS304
		P	SS316
		O	Other

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	Level Indication	X	C	Follower capsule (max. 150° C)
			B	Bicolor Rotating Flappers
	Range/C-C distance	XXX	Write in mm	Specify in mm Write 500 for 500mm C-C distance)
	Switch	X	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	X	N	None
			W	Weather proof IP-65
			X	Ex.proof Gr. IIA & IIB
	Still Well for Top Mounting	X	N	None
			S	SS 304
			X	SS 316
			L	SS316L
			P	Polypropylene
			O	Other
	Option (Select multiple)	X	I	Isolation Valve
			M	Matching Flange
			S	SS Tag Plate
			T	Material Test Certificates
			N	NACE
			D	NDT



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