

## MAGNETIC LEVEL GAUGE M-SERIES

The M series magnetic level gauge, level switch consist of an un-magnetic chamber, magnetic float and with a built-in magnet strips, a vertical chamber connected to a tank with two end. The float rises or falls in the chamber. It turns the indicative strips to provide an indication of the tank level.

This series also provides accessories such as switch and measuring sensor with converter turns to a 4~20mA (2 wires) DC output signal.

To provide a liquid level control function.

### Technical Data

**Application for chemical and petrol chemical process, boilers and other industries.**

**Connection:** From 1/2" to 3" flange type, JIS, ANSI, DIN rating available, special size on request

**Pressure limited:** 10 kg/cm<sup>2</sup> for plastic material type (P.V.C, P.P, PVDF)  
20 kg/cm<sup>2</sup> for standard type  
up to 40 kg/cm<sup>2</sup> on request

**Temperature limited:** 0~50°C for plastic chamber type  
-40~150°C for standard type  
-40~400°C for special type

**Center to center length:** Maximum 5500mm

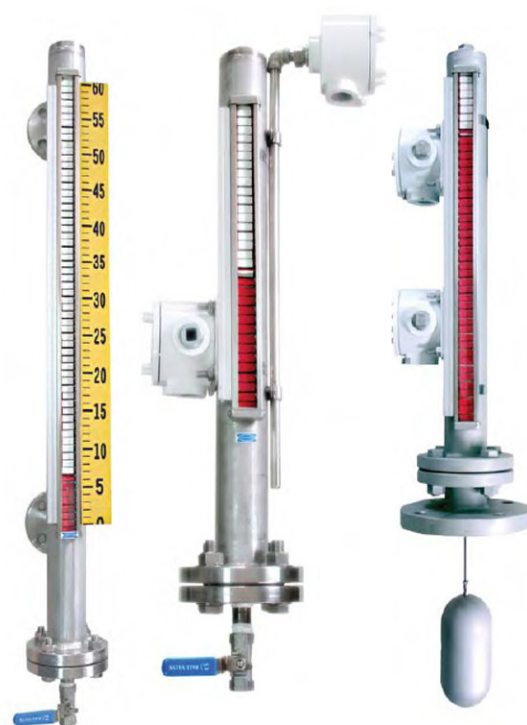
**Accuracy:** ±4mm (Transmitter: ±12mm standard; ±6mm on request)

**Indicating strips:** Aluminum, Plastic (PBT) available, the colors are red and white

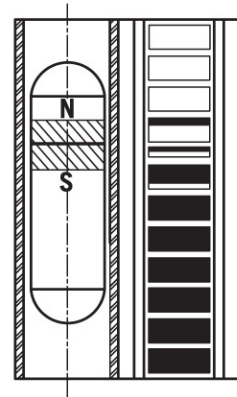
**Specific gravity:** 500~2900 kg/m<sup>3</sup>

**Indicating gauge orientation adjustable**

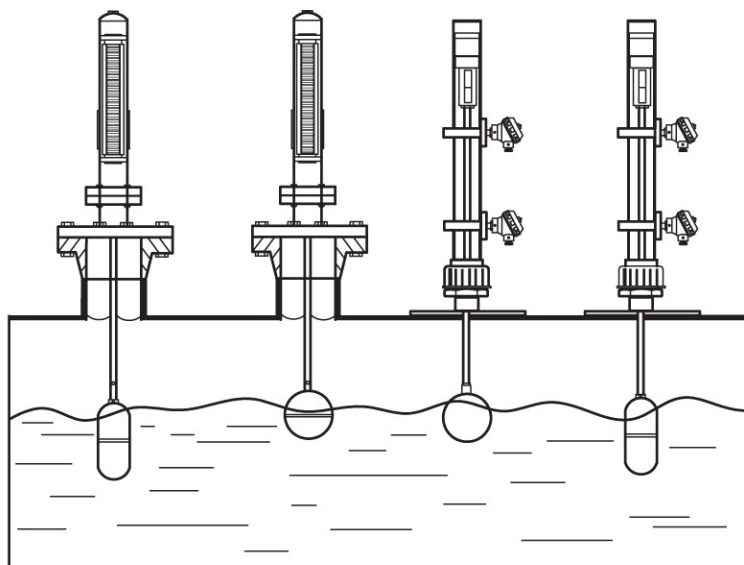
**Chamber size:** Ø50 or Ø60



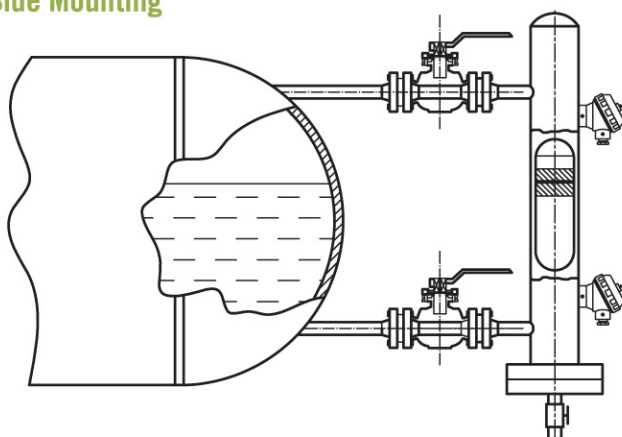
### Principle



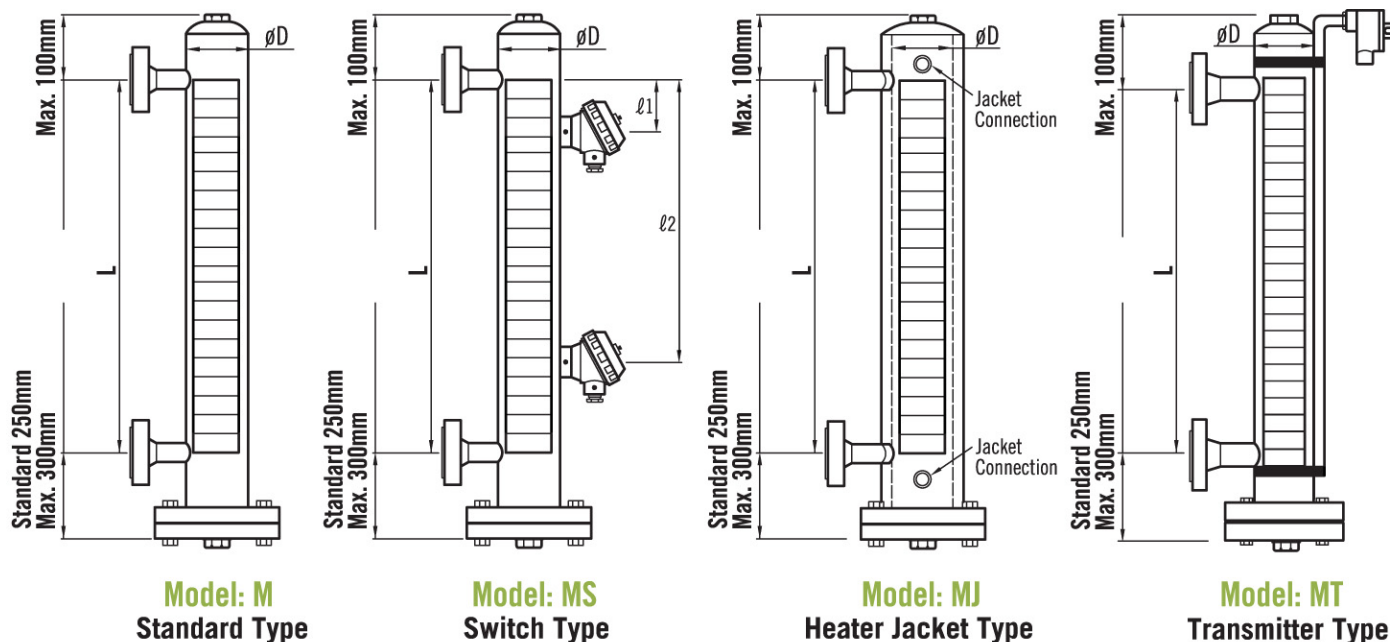
### (A) Top Mounting



### (B) Side Mounting



## M Standard Type—Side Mounting Series



\*D=ø50 or ø60

## Ordering Information

M Type	Code	Model															
	M	Standard type		MS		Switch type		MJ		Heater jacket type		MT		Transmitter Type			
		Code	Connection														
		A	½"	B	¾"	C	1"	D	1½"	E	2"	F	3"	G	Option		
		Code	Connection Rating														
			(1) PTM (2) NPTM (3) JIS 10K (4) JIS 20K (5) ANSI 150# (6) ANSI 300# (7) PN16 (8) PN40 (9) Option														
		Code	Material of Wetted Parts														
		A	SS304	B	SS316	C	SS316L	D	P.V.C	E	P.P	F	PE	G	PVDF	H	Option
		Code	Material of Indicating Case														
		1	Aluminum			2	SS304										
		Code	Material of Indicating Strips														
		A	Plastic			B	Aluminum			C	Brass						
		Code	Switch Type														
		1	Reed Switch		2	Micro Switch		3	Option		0	Without Switch					
		Code	Switch Point														
			(A) 1 (B) 2 (C) 3 (D) 4 (0) Without														
		Code	Transmitter Type														
			(1) 4~20mA Transmitter (2) Without														
		Code	Scale Plate														
		A	Yes			B	Without										
		Code	Switch or Transmitter Housing														
			(1) Weather proof IP65 (2) Explosion proof														
		Code	Specific Gravity														
			Please directly fill out the Sp. Gr. in the of liquid order code.														
		Code	Setting Point & Switch Acting Functions														
			Please fill in the requested length and float rised ↑ ON or fall down ↓ ON														
			ℓ1= _____mm <input type="checkbox"/> ON			ℓ2= _____mm <input type="checkbox"/> ON			ℓ3= _____mm <input type="checkbox"/> ON			ℓ4= _____mm <input type="checkbox"/> ON					
M Type																	Complete Ordering Code