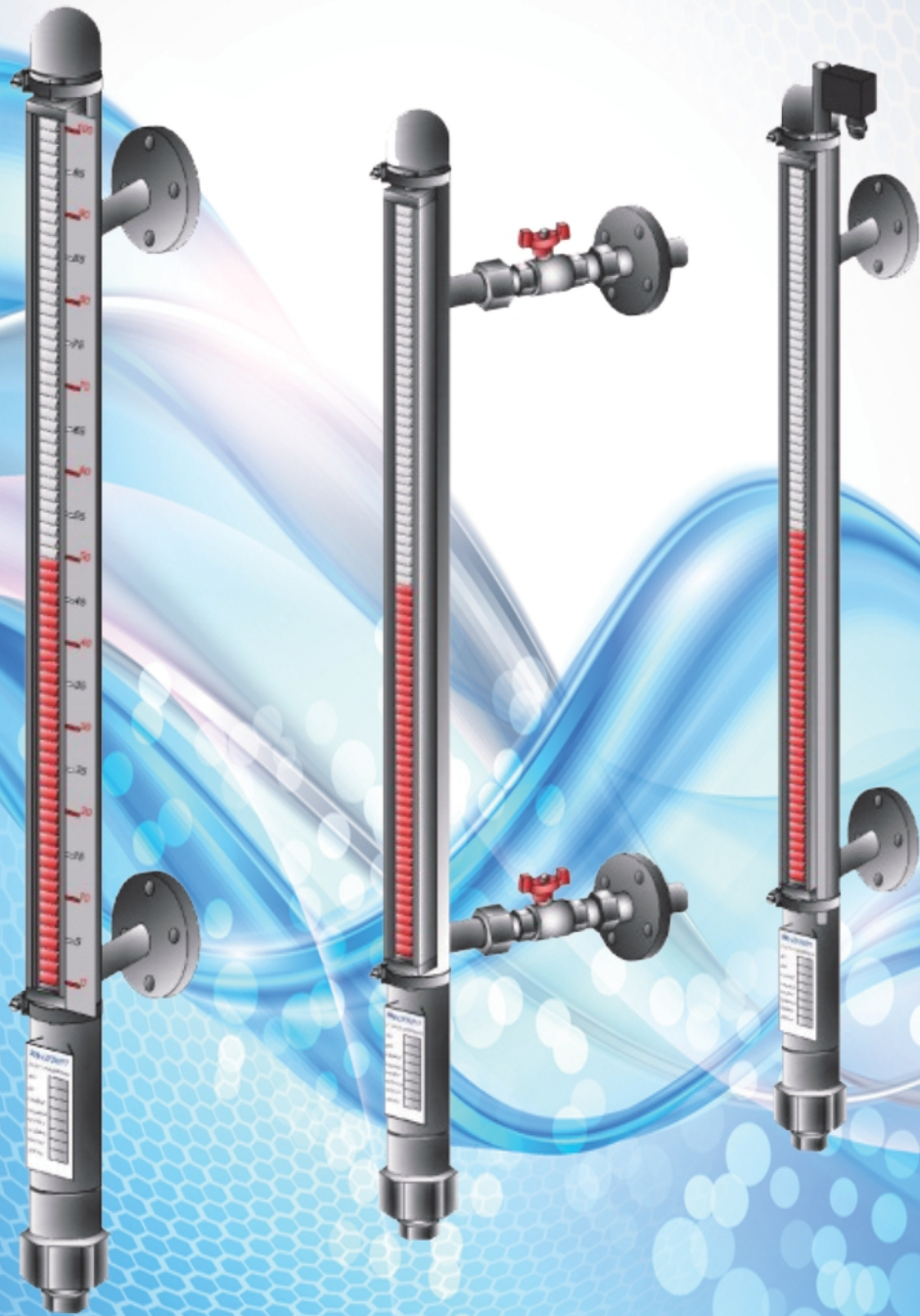


MG Series

Magnetic Level Gauge
MAGNETIC LEVEL GAUGE



Level Instruments Application

Hsiung Mei

MG Series

■ Operating Principle

The magnetic level gauge MG series consist of chamber, magnetic float, and flags. Other accessories like ball valve and alarm switch is optional. It actions according to magnetic theorem. When level is changed, the float rise or fall, and permanent magnet attract the flags to reverse 180 degree. Liquid level will be indicated by changing color of flags. It also can collocate with transmitter to provid 4-20mA output signal.

■ Characteristics

Multiple Application

According to local condition, we can choose different mounting type, material, and so on for applications.

Safety

Indicator is separated from detecting liquid Optimum Visibility Bright flags are visible from great distances.

Durability

These gauges can be used in high pressure and high temperature conditions.

Convenience

Easy installation and low cost of maintenance.

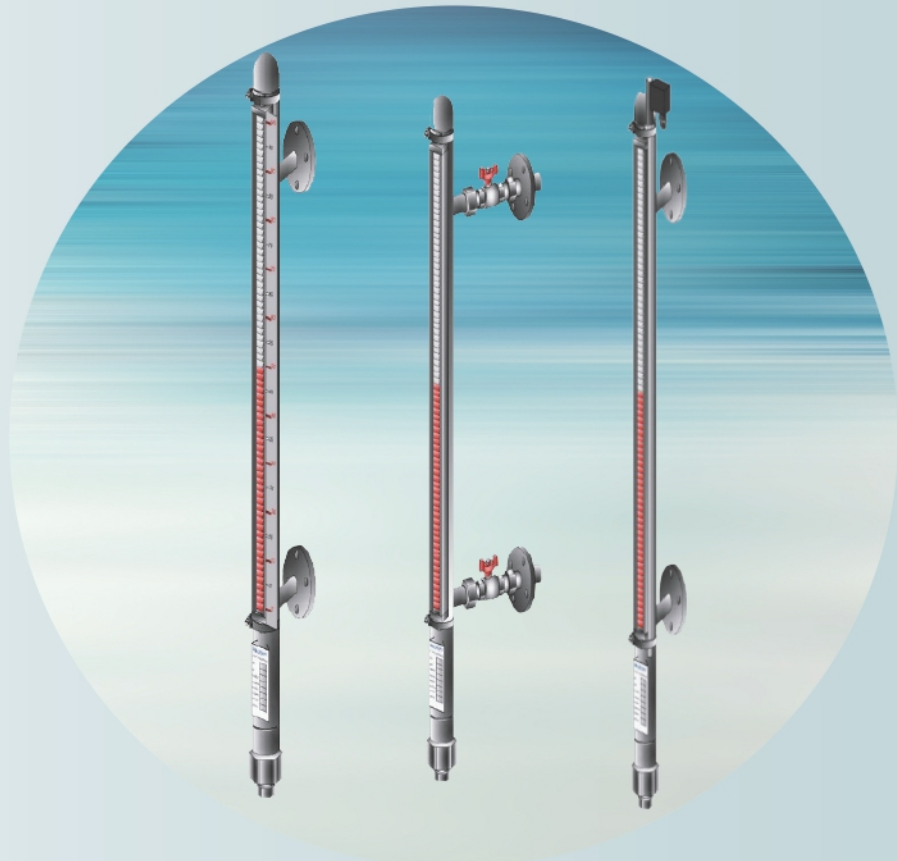
■ General Specifications

Operating Pressure:

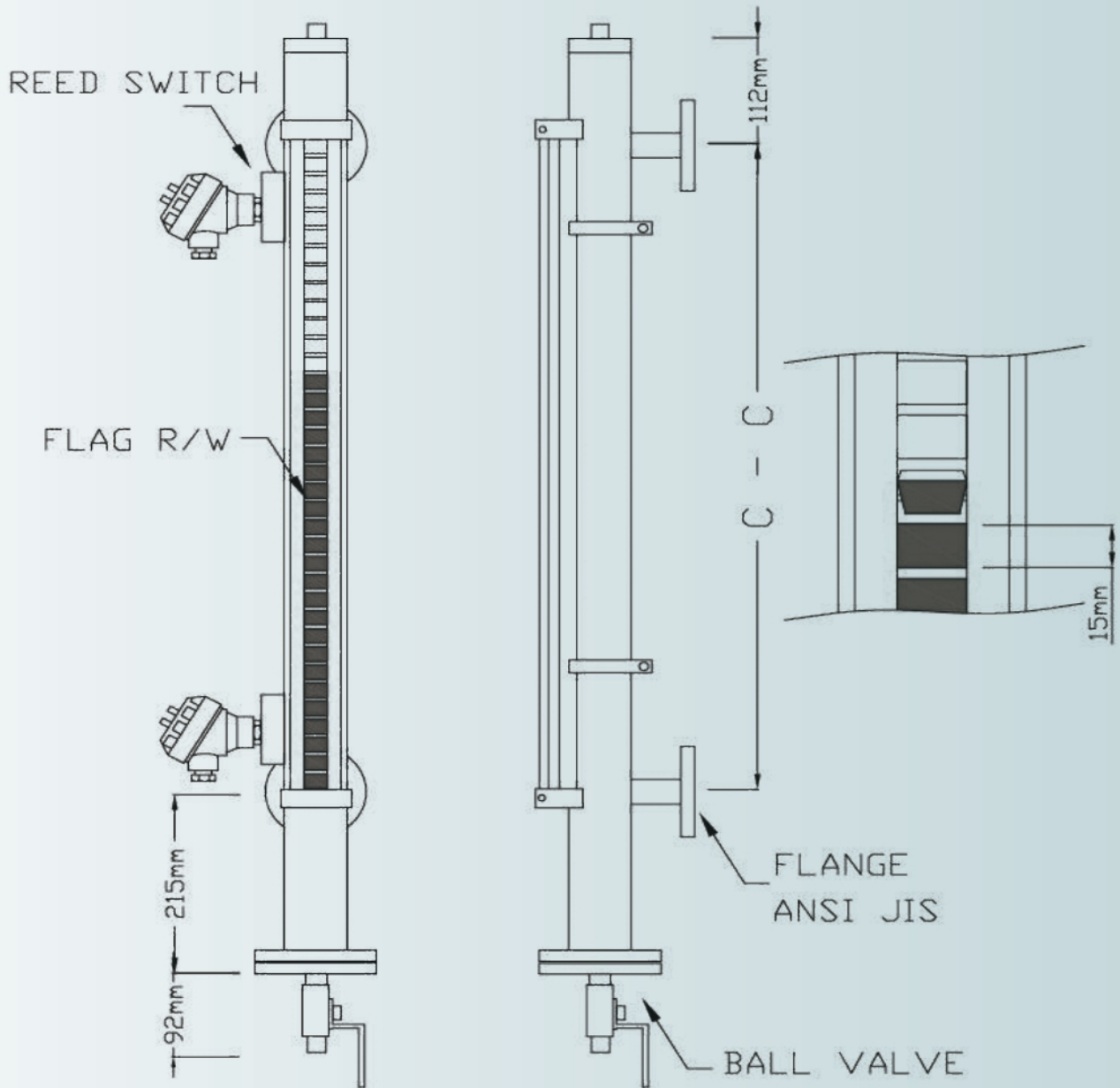
- Local Display: Max.20kg/cm
- 4-20mA Output: Max.20kg/cm
- PTFE Lining: Max.7kg/cm

Operating Temperature:

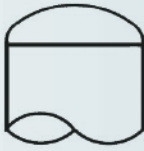

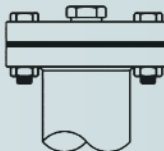
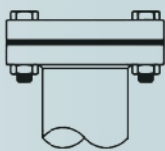
- Local Display: Max.250 degC
- 4-20mA Output: Max.150 degC
- PTFE Lining: Max. 180 degC



■ Dimensions



■ Vent Type

CODE	G	H	I	J
TYPE	Welding cap	Flat top with vent plug	Flange with vent plug	Welding nozzle
DIMENSIONS		1/2"NPT	1/2"NPT	Ø27
				

■ Model Slection Guide

MG	-	Material	-	Size	-	Connection	-	Mounting	-	Vent	-	Valve	-	Output	-	C-C
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Material			
S4	SUS304	PF	PVDF
S6	SUS316	4F	SUS304 with PTFE
PC	PVC		
Connection Size			
1	1"	4	2-1/2"
2	1-1/2"	5	3"
3	2"	R	Other
Connection Type			
A1	ANSI 150Lb	P5	PN6
A2	ANSI 300Lb	P6	PN10
J3	JIS 5K	R	Other
J4	JIS 10K		
Mounting Type			
BT	Bottom-Top		
SS	Side-Side		
Vent Type			
G	Welding cap		
H	Flat top with vent plug		
I	Flange with vent plug		
J	Welding nozzle		
Ball Valve			
W	With		
N	Without		
Output			
N	Local Display	A	ALARM (*1)
O	4-20mA	B	4-20mA+ALARM (*1)
Center to Center (C-C)			
xxxx	Unit: mm		

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 ● Level ● Powder ● Pressure ● Flow ● Temperature ● Recorder