

DIFA Magnetic Level Gauge



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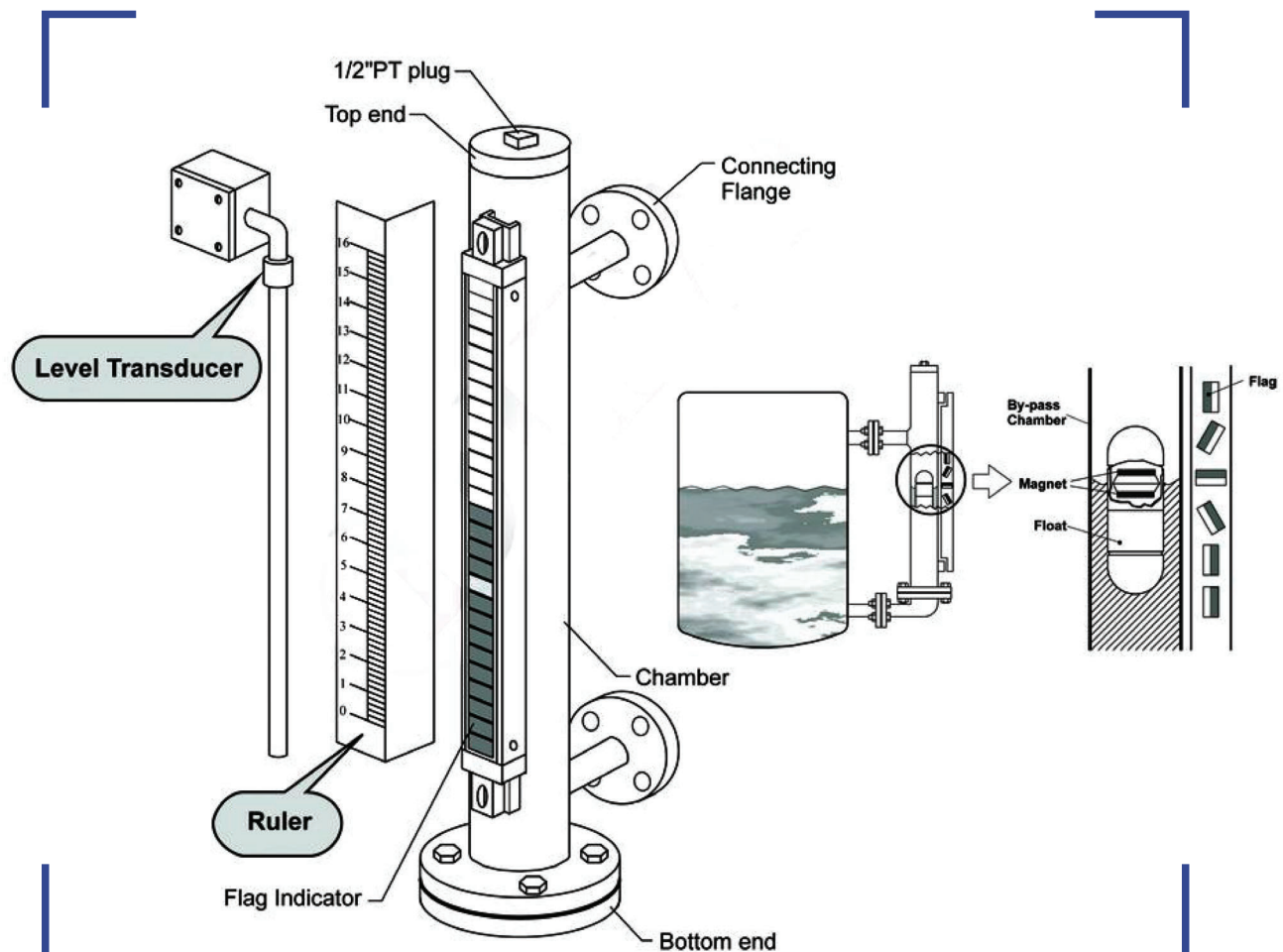
"By-pass magnetic level indicator for reliable level monitoring in pressurized or corrosive tanks. Durable, power-free design with optional magnetic switch or transducer."

GENERAL

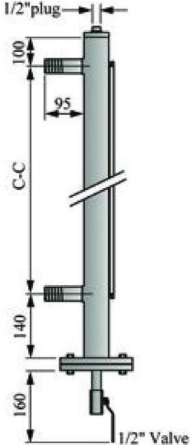
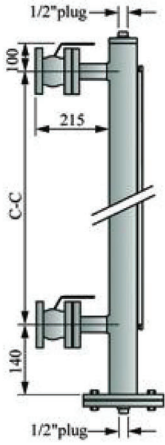
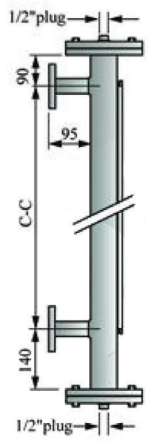
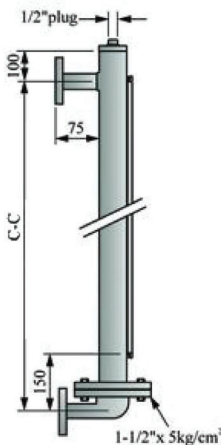
The By-Pass Level Indicator is installed outside of a vessel or tank. The liquid level in the tank can easily be observed from the change of the flag color. Optional devices of magnetic switch and level transducer can be added for electrical signal output and level transmitting.

FEATURES

- Applicable in environment with high temp., high pressure, strong acid, strong alkaline and hazardous locations. The structure is simple but durable and reliable. It is also available with various options for upgrade.
- A level transducer or magnetic switch can be installed and adjusted during operation.
- It is not operated by electricity thus it will not be affected by power failure.
- Add different color of flag per 10cm that can be recognized easily.
- Multiple applications for textile dyeing, sewage water processing, power generating, boiler and petrochemical industries.



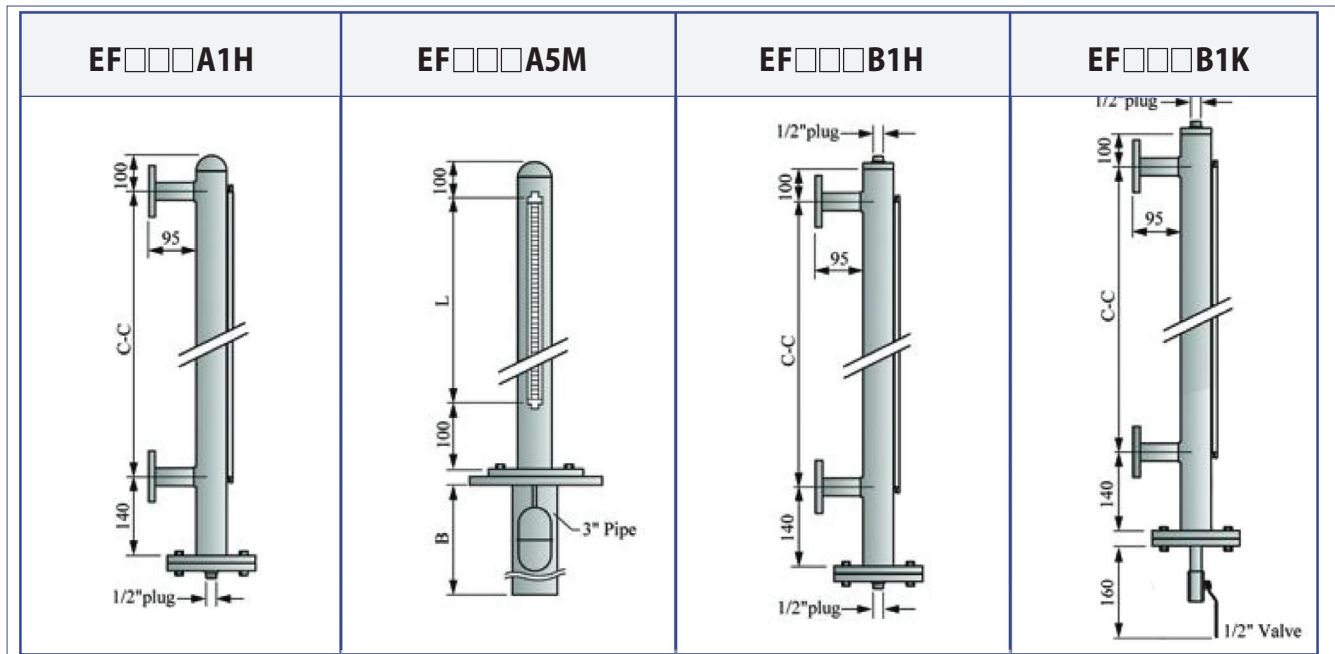
Metal Standard Type

EF□□□B2K	EF□□□B7H	EF□□□C1H	EF□□□B1L
			

SPECIFICATIONS:

Model Description	EF□□□B2K	EF□□□B7H	EF□□□C1H	EF□□□B1L
Top End	Flat top with 1/2" PT plug		Dual flange with 1/2" PT plug	Flat top with 1/2" PT plug
Bottom End	Dual flange with 1/2" drain valve	Dual flange with 1/2" PT plug		Dual flange + angel pipe
Bottom Flange	1-1/2"*5kg/cm ²			—————
Connecting	3/4" -2"	3/4" -2"(Ball Valve)	3/4" -2"	
C-C Distance	Min. 150mm; Max. 5,800 mm			
Operation Pressure	10 Bar~100 Bar			
Operation Temp.	SUS304: 140°C, 200°C, 350°C SUS316: 140°C, 200°C, 350°C		SUS304: 140°C, 200°C, 400°C SUS316: 140°C, 200°C, 400°C	SUS304: 140°C, 200°C SUS316: 140°C, 200°C
Chamber	Ø60.5*2.8t			
Float Type	EFB			
Material	SUS304/ SUS316 / Titanium			
Flag Indicator	EFB-0700(200°C), EFB-0740(400°C), EFB-0750(140°C)			
Ruler	Aluminum			

Metal Standard Type



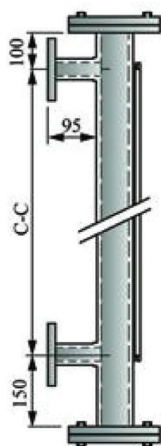
SPECIFICATIONS:

Model Description	EF□□□A1H	EF□□□A5M	EF□□□B1H	EF□□□B1K
Top End	Cap		Flat top with 1/2" PT plug	
Bottom End	Dual flange with 1/2" PT plug	Dual flange with 3" shield pipe	Dual flange with 1/2" PT plug	Dual flange with 1/2" drain valve
Bottom Flange	1-1/2"	3-1/2"	1-1/2"	
Connecting	3/4" -2"	3" (Hole)	3/4" -2"	
C-C Distance	Min. 150mm; Max. 5,800 mm	Min. 150mm; Max. 2,000 mm	Min. 150mm; Max. 5,800 mm	
Operation Pressure	10 Bar ~100 Bar			
Operation Temp.	SUS304: 140°C, 200°C, 400°C SUS316: 140°C, 200°C, 400°C			SUS304: 140°C, 200°C, 350°C SUS316: 140°C, 200°C, 350°C
Chamber	Ø60.5*2.8t			
Float Type	EFB			
Material	SUS304/ SUS316/ Titanium			
Flag Indicator	EFB-0700(200°C), EFB-0740(400°C), EFB-0750(140°C)			
Ruler	Aluminum			

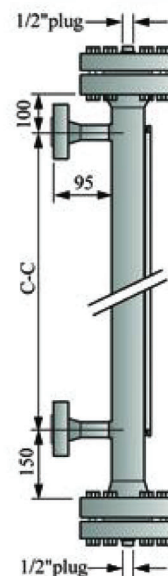
Antiseptic Type

High Pressure Type

EF□ A/B□ S1H



EF□□□ H1H



SPECIFICATIONS:

Model Description	EF□ A/B□ S1H	EF□□□ H1H
Top End	Dual flange	Dual flange with 1/2" PT plug
Bottom End	Dual flange	Dual flange with 1/2" PT plug
Connecting	3/4" * 10 kg /cm ² (Flange)	600Lb or 300Lb
C-C Distance	Min. 150mm; Max. 5,800 mm	
Operation Pressure	25kg/cm ² (Max. 50 kg/cm)	100kg/cm ² (300°C down) 600Lb 60kg/cm ² (300°C up) 300Lb
Operation Temp.	PP: 80°C, PTFE: 120°C	SUS304: 140°C, SUS316: 140°C
Chamber	Ø65*2t Coating PP or PTFE	Ø76.3*5.5t
Float Type	EFB-2580+ Coating	EFB-2654
Material	SUS304/ SUS316	
Flag Indicator	EFB-0700(200°C), EFB-0740(400°C), EFB-0750(140°C)	
Ruler	Option	

Magnetic Level Transmitter & Switch

Level Transmitter

Model No.: DFMT-65
 Housing Material: Aluminum, Stainless steel Tube: SUS 304 or SUS 316
 Accuracy: 10 mm (6.35 mm option)
 Output: 4~20 mA two-wire (Option with HART Protocol)
 Power: 12-36 VDC
 Measuring Range: 0.15~6 M
 Ambient Temperature: -10~60 °C
 Housing Aluminum IP65 (Exd Protection)



Magnetic Switch

Model No.: DFMS-1358/1368/1359
 1. Contact Element: Reed Switch
 2. Switch Form: DFMS-1358, SPDT Hold type
 DFMS-1368, SPDT Normal type/ DFMS-1359, SPST Hold type
 3.1. Contact Capacity (SPDT): 1A/30W/200 VDC/240 V AC
 3.2. Contact Capacity (SPDT): 2A/30W/200 VDC/240 V AC
 4. Housing Material: Aluminum
 5. Operation Temperature: -20~150° C (Max. 250 °C)
 6. Protection: IP65

Enclosure Explosion-Proof type

Model No.: DFMS-1400/1410
 1. Contact Element: Reed Switch
 2. Switch Form: EFB-1400, SPDT Hold type / EFB-1410, SPDT Normal type
 3. Contact Rating: 1A/30W/200 VDC/240 V AC
 4. Housing Material: Aluminum
 5. Operation Temperature: -20 ~85 °C (Max. 250 °C)
 6. Explosion-proof cable conduit it's optional
 Protection: Ex d IIC T6

