

Instrument data sheet

Float Type Magnetic Level Indicator with Magnetic type level switch

1	General	Required Parameters	Vendor Compliance / Deviations (vendor must fill this column with explicit information)
	LEVEL INDICATOR		
2	Type	Float Type Magnetic level indicator	
3	Mounting	Top mounted	
4	Cage material	316 SS (Note-3)	
5	Float material	316 SS (Note-3)	
6	Body material	Carbon Steel (Note-3)	
7	Process Connection	2" ANSI RF Flanged (150#) Refer Note-5	
8	Indicating Magnetic Flags	Red & white	
9	Scale	Required	
10	Scale Graduation	in millimeter.	
11	Measuring Range	Refer Table	
12	Float Guide Rod	316 SS (Note-3)	
13	Manufacturer	K-TEK or Equivalent	
14	Model	KM-26 or Equivalent	
	SWITCH		
15	Type	Magnetic level Switch	
16	Mounting	Direct gear clamp mount	
17	Housing	Powder coated and copper free aluminum or Mfr. Std	
18	Cable Entry	3/4 in. FNPT	
19	Degree of protection	IP65	
20	Contact Material	Silver Alloy	
21	Switch Action	Break-before-make or VTS	
22	Supply Voltage	230V AC, 10A	
23	Output	Dry contact or VTS	
24	Max deadband	VTS	
25	Electrical Area Class	Hazardous Area	
26	Manufacturer	K-TEK or Equivalent	
27	Model Number	LMS-200 or Equivalent	

Notes:

1. All instruments shall bear a permanent metal tag, securely attached, stamped with instrument number & service.
2. All mounting accessories required for installation of level indicator shall be provided by vendor.
3. Wetted parts material specified in this data sheet shall be subject to verification by vendor according to stated process conditions and service fluid. Vendor shall be responsible to propose alternate material where specified material is not suitable.
4. Vendor shall confirm suitability of supplied equipment for the design parameters stated in data sheet.
5. Flange size/ connection type shall be confirmed after the receipt of vendor data.
6. Cable, cable gland and other accessories required for the completion of job shall be also supplied by vendor.

*. Reference Zero level is Tank / Vessel Bottom.

VTS:- Vendor to Specify

S. NO.	Tag No.	Location	Process Fluid / medium	Process Connection Size / type	Total Vessel height (mm.)	Measuring Range/ set point (mm.)*	Max. Pressure (psig)	Oper. Pressure (psig)	Max. / Oper. Temp. (°F)	Specific Gravity	Piping Class (#rating)	Remarks
P&ID: 152-21-PID-003												
1	LI-003	T-007	PMG	2" / RF Refer Note-5	4100	0 - 4000	10	4	115 / 75	0.75	150#	
	LSH-003			Refer Note-5	4100	3750	10	4	115 / 75	0.75	-	