

LMT - 01

MAGNETIC FLOAT OPERATED LEVEL TRANSMITTER

Features

- Simple, Low Cost and Reliable
- Trouble free operation of conductive / non conductive Liquids, slurries
- Continuous 4–20mA DC output
- Protection class IP–65
- 2 Wire System

Description

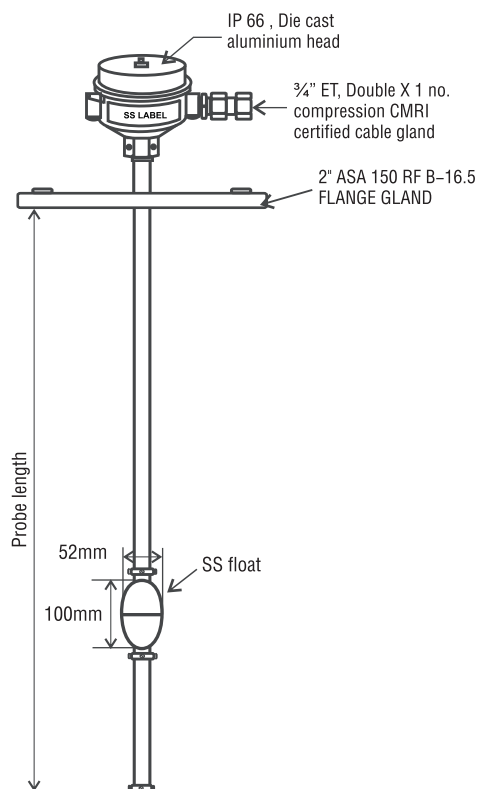
Electronet series LMT–01 are magnetic float operated level transmitters. The inbuilt level sensor is consisting of a float & guide tube made of non-magnetic material to achieve undisturbed magnetic flux. The float has magnetic system within it & moves along the guide tube which contains glass encapsulated hermitically sealed reed switches. Float follows level & magnetically actuates reed switches & provides continuous 4 – 20 mA DC output.



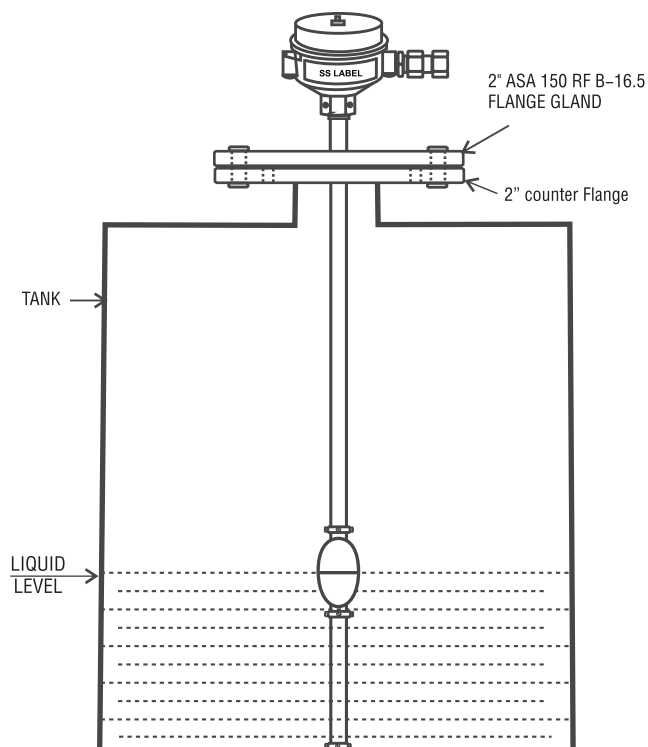
Technical Specifications

Probe Length	As per requirement (max 2 mtr.)
Type of Output	4 to 20 mA DC, 2 Wire
Accuracy	+/- 10 mm
Linearity	+/- 0.5% for probe length 3 mtr.
Process Temperature	55°C max
Process Pressure	10 kg/cm ² max
Probe MOC	1) SS 316 2) PTFE
Float MOC	SS / PP (Depending on Process Fluid – Factory selected)
Float Dimensions	Dia 54 mm, Height 106 mm
Power Supply	230V AC, 24V DC
Power Consumption	< 6 VA
Response Time	< 1000 mSec
Temperature Coefficient	+/- 0.1% per °C
Transmitter Enclosure	IP–65
Process Connections	1) 2" BSP Threaded 2) 2" ASA 150, Flanged 3) Other on request
Mounting	Top of the tank
Operating Conditions	Temperature 0 to 75°C / Humidity 5 to 95% non condensing at 25°C
OPTIONAL	
Local Display	8 x 1 LCD (4 digit)
NOTE : Process temperature and pressure exceeding specified limits, kindly consult with factory.	

Dimensional & Mounting Panel



Installation Details



Ordering Information

Sample Order Code : 02A-07B-21A-22B-24A-26A-27B-49B-66A-85A

Parameter	Code	Value
02	Measuring Range	02A 300 mm
		02B 1000 mm
		02C 2000 mm
		02D 3000 mm
07	Area Classification	07A Weather Proof
		07B Flame Proof
21	Electrical Connection	21A M20 X 1.5
		21B 1/2" NPTF
		21X Other
22	MOC Electronics Enclosure	22A Die Cast Aluminium
		22B SS316
		22C ABS Plastic

Parameter	Code	Value
24	Power Supply	24A 90 – 250 VAC
		24B 24 VDC
26	Local Indication	26A Required
		26Y None
27	Local Indication Display Type	27A LED
		27B LCD
49	Output	49A 4 to 20 mA
		49B 4 to 20 mA with HART
		49C 1 to 5V
66	Process Connection	66A Threaded
		66B Flanged
		66E Tri Clover
85	MOC Probe	85A SS316
		85X Other

Note : ▪ Due to our continuous product revisions, design specification and model numbers are subject to change without notice.
 ▪ Accuracy defined at Lab Conditions. ▪ For other requirement please consult factory.

ELECTRONET EQUIPMENTS PVT. LTD.

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