

TS 2000 LMT

MAGNETIC FLOAT OPERATED LEVEL TRANSMITTER -SWITCH



Features

- Simple, Low Cost and Reliable
- Trouble free operation of conductive / non conductive Liquids, slurries
- Continuous 4-20 mA DC output
- Electronics Protection Class : Weatherproof IP-67, Flameproof (CMRI IIA IIB Certified)

Description

Electronet series TS 2000 LMT 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

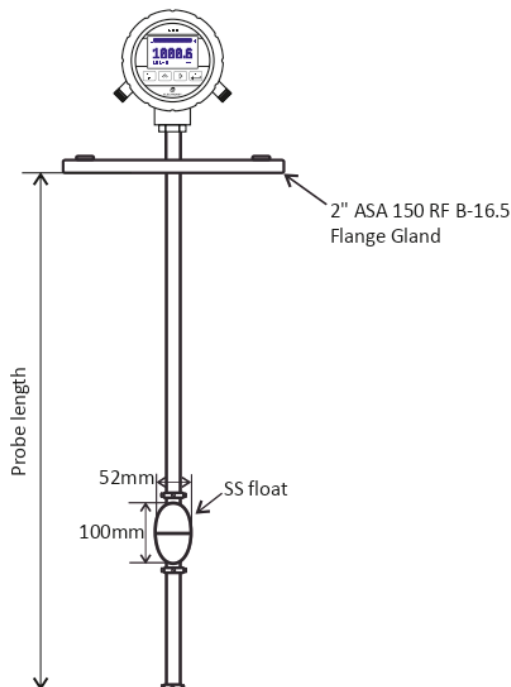
Probe Length	As per requirement (max 2 mtr.)
Probe Type	Single Rod (Upto 2000 mm)
Type of Output	4 to 20 mA DC, 2 Wire
Accuracy	+/- 10 mm
Linearity	+/- 0.5% for probe length 3 mtr.
Process Temperature	55°C max
Process Pressure	10 kg/cm2 max
Probe MOC / Transducer	SS-316
Float MOC	SS / PP (Depending on Process Fluid - Factory selected)
Float Dimensions	Dia 54 mm, Height 106 mm
Power Supply	24V DC (+/- 10%)
Power Consumption	< 6 VA
Response Time	< 1000 mSec
Temperature Coefficient	+/- 0.1% per °C
Electronic Protection Class	Weather Proof IP-68 / Flameproof (CMRI IIA IIB Certified)
Process Connections	1) 2" PVC Flanged 2) 2" SS316 Flanged
Mounting	Top of the tank
Ambient Conditions	Temperature 0 to 75°C / Humidity 5 to 95% non condensing at 25°C
Display	LCD Display

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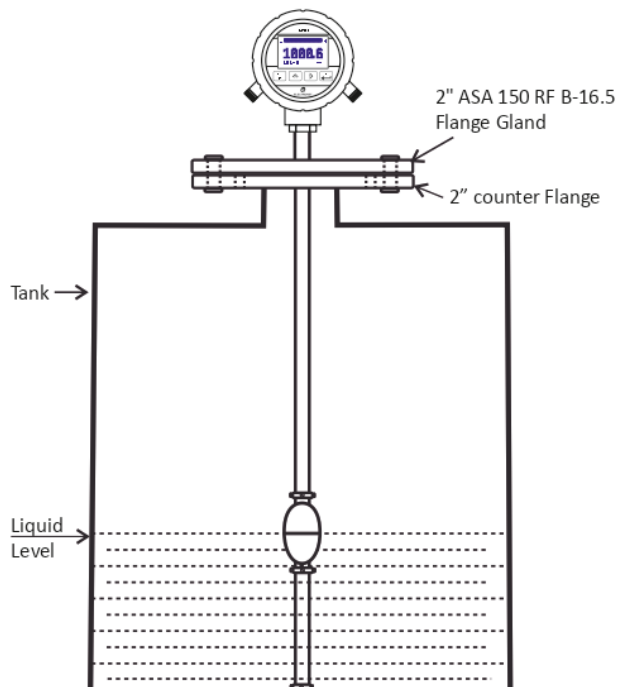
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Assembly Overview



Installation Details



Ordering Information

Sample Order Code : TS 2000 LMT-A1-B1-C1-D1-E1

Parameter	Code	Description
A	A1	100 mm
	A2	1000 mm
	A3	2000 mm
B	B1	1 Relay Output (Optional)
	BX	NA
C	C1	RS-485 (MODBUS RTU) (Optional)
	CX	NA
D	D1	SS-316
	D3	PTFE
	D3	Hastelloy C
	D4	PP

Parameter	Code	Description
E	E1	1½" BSP (M)
	E2	2 " PVC Flanged
	E3	2 " SS-316 Flanged
	EY	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.
- This product is meant for laboratory/Process application only and not for custody transfer application.

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