

ITEM NO. : 13

ITEM : SIDE MOUNTED MAGNETIC LEVEL INDICATOR WITH ROLLER TYPE INDICATION WITH & WITHOUT SWITCHES FOR ALL SERVICES LIKE LOW SP.GR.LIQUID, FULL VACUUM, HIGH PRESSURES UPTO 320 BARS, LOW AND HIGH TEMP, APPLICATIONS LIKE NH₃, LPG & DOWTHEM ETC.
REFER OUR GENERAL ARRANGEMENT DRG.NO.RSMLIRA-3000

PRINCIPLE OF OPERATION :

SS float which is equipped with alnico magnet moves up or down alongwith level rise or decrease. This float magnets movement will be magnetically coupled to the colored roller outside the chamber with scale for indication.

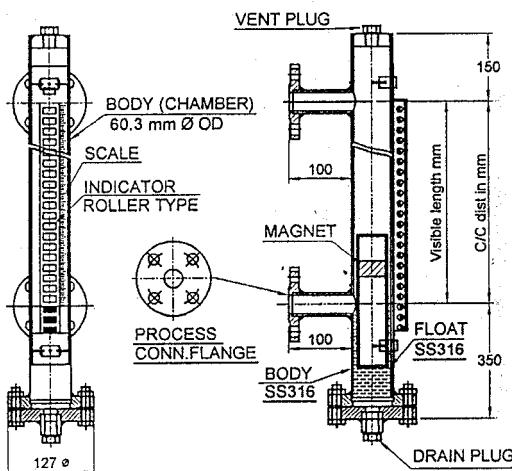
MATERIAL SPECIFICATIONS :

1.	Type	Magnetic.
2.	mounting	Vertical side-side
3.	C / C distance	To mention
4.	Visible length	Same as C/C distance
5.	Service	To mention
6.	Op.pressureKg/Cm ² g/temp. ° C /Sp.Gr.	To mention
7.	Hydro test pressure	1.5 times of max. Op.pressure
8.	Process connection size & rating	¾ " ANSI 150 # RF flanged or to mention
9.	Process flange material	To mention
10.	Float Material	SS304/SS316/PP/PVC/HDPE/PVDF/PTFE
11.	Wetted parts Material	SS304/SS316/PP/PVC/HDPE/PVDF/PTFE
12.	Scale	Linear marking i.e. acrylic / SS white background with black marking in cms. lines are engraved @each 10mm
13.	Vent & Drain	½" BSP (F) with plug
14.	Indication	Local indication
15.	Accuracy	± 10mm of the full scale
16.	Gaskets	Will be Teflon
17.	Bolts & Nuts	SS304
18.	Alarms / Qty	If required will be provided as per our general arrangement DRG NO. RSMLIRA-3000
19.	Enclosure / Cable entry	Weatherproof or flameproof / ¾" ET (F)

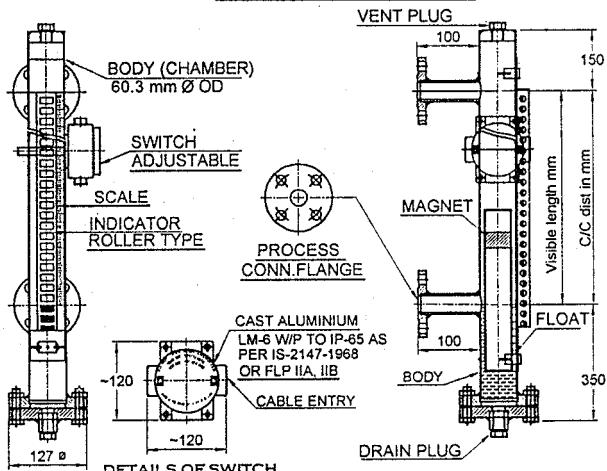
LIMIT SWITCHES FOR SWITCHES

One or two or four limit switches may be provided externally to the indicator as shown in our drg.no.RSMLIRA-3000, and these switches will changeover their contacts as soon as the level sensed by the float increases or decreases above the set point.

Contact rating	230 VAC 5 A (surge) 60 W / VA . 1 NO. SPDT Contact for each level sensing.
No of switches	To Mention

SIDE MOUNTED MAGNETIC LEVEL INDICATOR ROLLER TYPE

RSMLIR-3000

SIDE MOUNTED MAGNETIC LEVEL INDICATOR ROLLER TYPE WITH SWITCHES

RSMLIRA-3000