

ITEM NO. : 19**ITEM : REFLEX TYPE LEVEL GAUGE****REFER OUR GENERAL ARRANGEMENT DRG.NO.RLGRSS- 1000****PRINCIPLE OF OPERATION :**

The liquid level is distinguished by the different brightness of the Reflex Glass is the media or in the steam/empty space. In fact, where there is liquid in contact with the glass, the incidental light is refracted to the inside of the gauge and absorbed. Due to the above fact we get a black colour indicating the level of liquid. But with the steam space or empty space above the liquid, media the incidental light is reflected against the glass grooves and the space above the liquid media appears very bright indicating the demarkation between liquid and empty space.

MATERIAL SPECIFICATIONS:

1.	Type	:	Reflex
2.	Mounting	:	Side-side / Top-bottom
3.	C/C distance	:	To mention
4.	Visible length /no. of section	:	To mention
5.	Service	:	To mention
6.	Op. pressure Kg/Cm ² g/ temp.* C/ Sp Gr.	:	To mention
7.	Hydro test pressure Kg/Cm ² g	:	1.5 times of Max. op .pressure
8.	Process conn. Flange size & rating	:	To mention
9.	Process conn. flange material	:	To mention
10.	All wetted parts material	:	CS/SS304/SS316/PP / PTFE
11.	Material of cover plate	:	CS to ASTM A-105 (Non wetted parts)
12.	Material of glass	:	Toughened borosilicate imported Klinger / Maxos make
13.	Valve type / design	:	Ball check /auto shut-off
14.	Valve body Material	:	CS/SS304/SS316/PP / PTFE
15.	Valve trim Material	:	SS 316
16.	Vent/drain connection	:	½" NPT (F) with plug (or) to mention
17.	Material of bolts & nuts	:	ASTM A-193-B7 & ASTM-A-194-2H
18.	Gaskets/seals	:	CAF / Teflon
19.	Scale	:	Linear marking i.e. SS / acrylic white background with black marking in cms. Lines are engraved @ each 10mm.
20.	Qty	:	To mention

