

BASIC LEVEL GAUGE L 138

MAIN CHARACTERISTICS

The brass level indicator L 138 is dedicated to the visual indication of a tank level. The indicator give a direct reading of the level through a transparent tube. It is provided with a bottom drain plug. It can be equipped with plastic or glass transparent tube.

The indicator L 138 is an economic solution to the level visualization of clean, not aggressive liquids, at low pressure and ambient temperature.

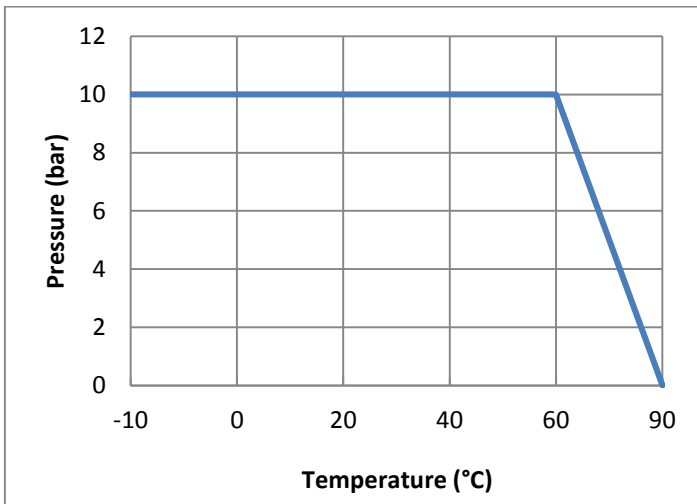
AVAILABLE MODELS

Diameters 3/8" to 1/2".

BSP Thread end connections.

LIMITS OF USE

Max allowed fluid pressure : PS	10 bar
Max allowed fluid temperature : TS	-10 °C / + 90 °C



ISO
9001

REGULATIONS AND STANDARD OF CONSTRUCTIONS

ITEM	Standard
Pressure equipment directive 97/23	Excluded
Materials of brass	EN 1503-4
Thread	ISO 228

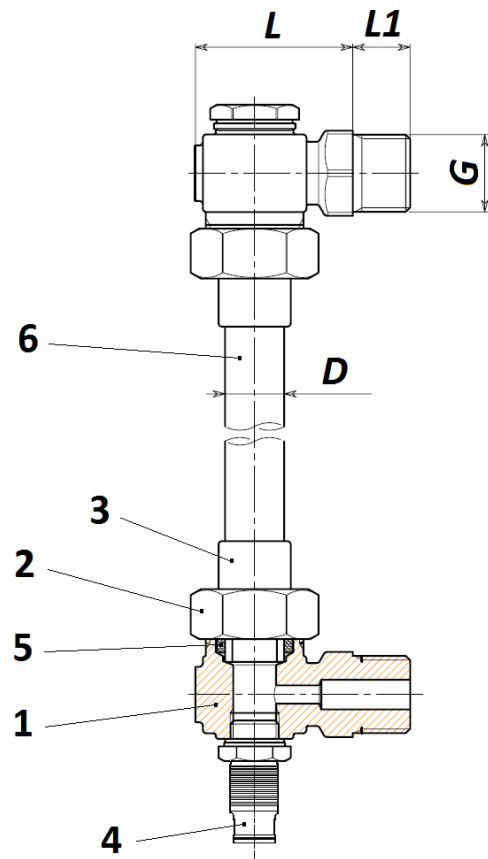
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DIMENSIONS (mm) AND CONNECTIONS

Connections	∅ Tube	L	L1	Weight (Kg).
G 3/8" M	13	39	13	0,37
G 1/2" M	16	42,5	15,5	0,55

CONSTRUCTION


N°	Item	Qty	Material
1	Body	2	Brass CW 614N
2	Nut of tightening	2	Brass CW 614N
3	Guide ring	2	Brass CW 614N
4	Steam trap	1	Brass CW 614N
5	Gasket	2	Silicone
6	Tube	1	Plastic / Glass





CALCULATION OF THE LENGTH OF THE TUBE

Length of the tube is equal to the face to face dimension less 15mn.

OPTIONS

Protection tube in brass U 2319		
∅ Tube (mm)	Code	
13	23191310	
16	23191610	

	T154 : Plastic tube PMMA	2314 : Glass pirex tube	
∅ Tube (mm)	Code	Code	
13	23181310	23141315	
16	23181610	23141615	

Intermediate connection 151			
∅ Tube (mm)	Fixation	Code	
13	G 1/2" M	2317413	
16	G 1/2" M	2317416	

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MOUNTING

- 1 - Verify that the tank is empty.
- 2 - To install the level gauge, begin by screwing the bottom valve provided with the drain plug on the tank.
To guarantee the tightness of the thread on the tank, use a material adapted to the type of fluid.
- 3 - Then screw the top valve on the tank (Idem assembly bottom).
- 4 - To take up the tube, begin by unscrewing the set nut and guide ring of the bottom, crossing the tube in the guide ring, the nut and the washer. Insert, screw and tighten this assembly on the bottom.
- 5 - For the top, unscrew the set nut and guide ring. Take the face to face dimension between the bottom and top, in order to cut the tube to the appropriate length. (See above calculation of the length of the tube).
Cross the tube in the guide ring, the nut and the gasket. Insert, screw and tighten this assembly on the top.

USE

- 1 - Close the low bottom drain plug.
- 2 - Look at the level in the tube.

MAINTENANCE

- 1 - Stop the arrival of the liquid in the tank.
- 2 - Empty the tank.
- 3 - Open the bottom drain valve and drain the fluid contained in the tube.
- 4 - Unscrew the lower and upper nuts of tightening of the tube.
- 5 - Remove the tube, wash it or replace it by a new tube of the same reference as well as both gaskets.
- 6 - Tighten without excess the lower and upper nuts in order not to break the tube.
- 7 - Close the bottom drain valve.

SPARE PARTS

Silicone gasket for level gauge L 138	
∅ Tube (mm)	Code
13	981026
13	981027
16	981028