

# LEVEL GAUGE L 146

## FEATURES

The brass level gauge L 146 is dedicated to the visual indication of small tanks level. The indicator give a direct reading of the level through a transparent tube. It is equipped with a plastic transparent tube. This gauge is provided with a drilled top plug as breather.

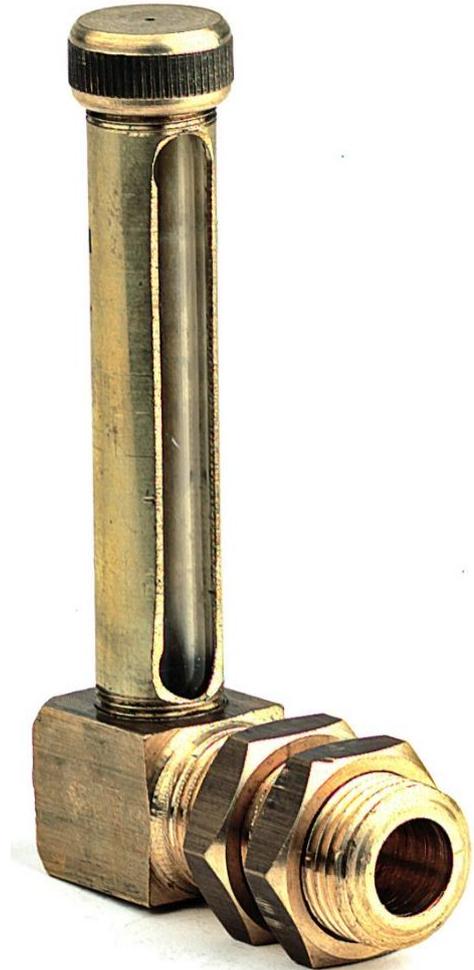
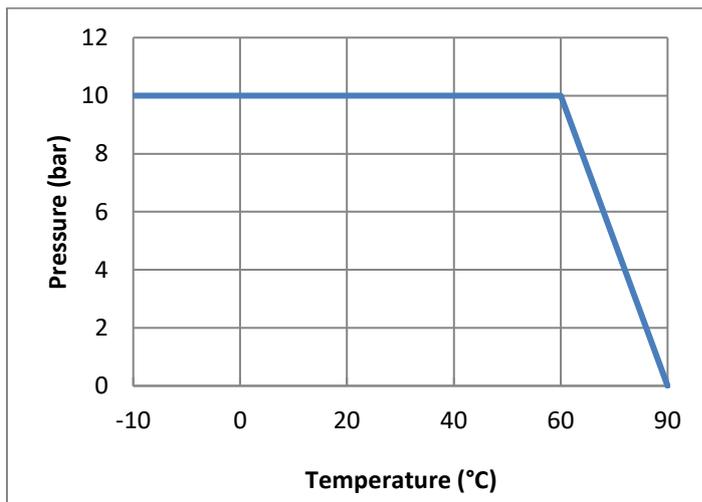
The gauge L 146 is an economic solution to the level visualization of clean, not aggressive liquids, at low pressure and ambient temperature.

## AVAILABLE MODELS

Diameters 1/4" to 1/2".  
BSP Thread end connections.

## LIMITS OF USE

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



## REGULATIONS AND STANDARD OF CONSTRUCTIONS

ITEM	Standard
Pressure equipment directive 2014/68	Excluded
Materials of brass	EN 1503-4
Thread	ISO 228

Information given as an indication only, and subject to possible modifications

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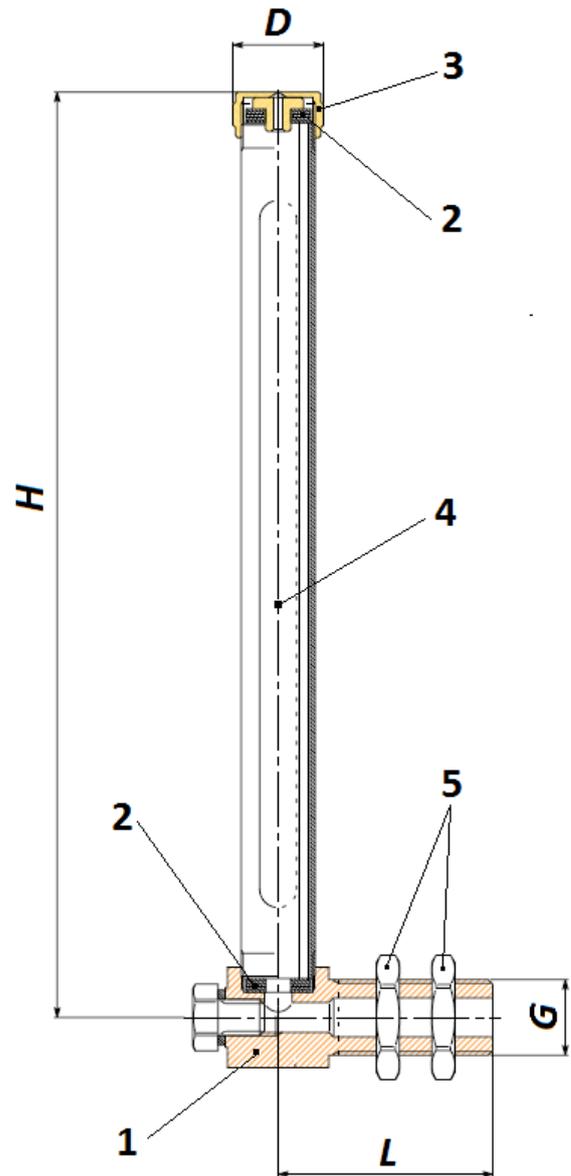
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## DIMENSIONS (mm) AND CONNECTIONS

Connections	D	H	L	Weight (Kg).
G 1/4" M	20	100	46,5	0,16
G 3/8" M	20	150	46,5	0,17
G 1/2" M	20	200	46,5	0,21
G 1/2" M	20	250	46,5	0,21
G 1/2" M	20	300	46,5	0,21

## CONSTRUCTION

N°	Item	Qty	Material
1	Body	1	Brass CW 614N
2	Gasket	2	Silicone
3	Top plug	1	Brass CW 614N
4	Tube $\varnothing 13$	1	Plastic / Glass
5	Nut	2	Brass CW 614N



## OPTIONS

$\varnothing$ Tube (mm)	T154 : Plastic tube PMMA	2314 : Glass pirex tube	
	Length 1 m - to be cutted		
	Code	Code	
13	23181310	23141315	

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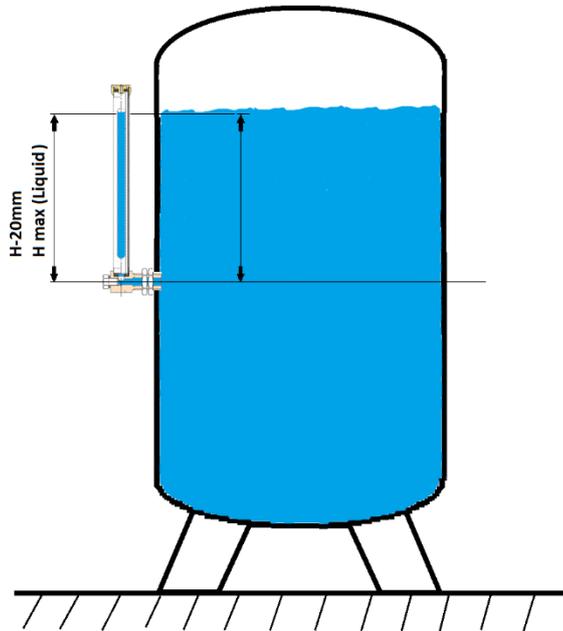
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## MOUNTING

- 1 - Verify that the tank is empty.
- 2 - The gauge must be installed at a certain level of the tank such as the level of the liquid cannot exceed the top of the gauge. (H-20 mm) see the diagram below.
- 3 - To install the level gauge, Begin by screwing the thread part provided with both nuts on the tank.  
To guarantee the tightness of the thread on the tank, use a material adapted to the type of fluid.
- 4 - Then end the assembly by tightening the 1<sup>st</sup> nut and the 2<sup>nd</sup> nut (Item5) (locknut) on the tank.



## USE

- 1 - Fill in the tank.
- 2 - Look at the level in the tube (Item 4).

## MAINTENANCE

- 1 - Stop the arrival of the liquid in the tank.
- 2 - Empty the tank.
- 4 - Unscrew the top plug (item 3).
- 5 - Remove the tube, wash it or replace it by a new tube of the same reference as well as both gaskets (Item 2).
- 6 - Verify that the breathing hole on the top plug (Item 3) is not blocked.
- 7 - Re-screw the top plug (Item 3).
- 8 - Put back the arrival of the liquid.

## SPARE PARTS

Silicone gasket for level gauge L 146	
∅ Tube (mm)	Code
13	981026
13	981027

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