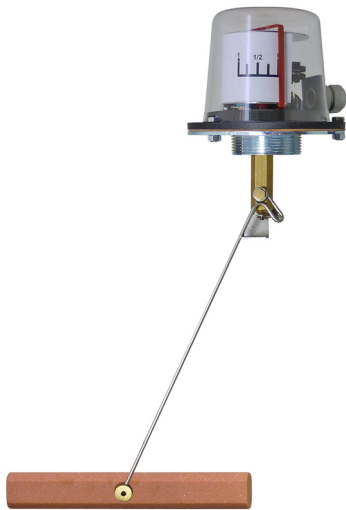


# Level indicator and controller CF80 Series



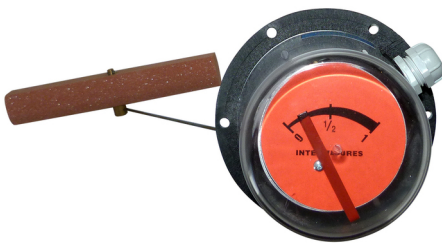
- Height from 150 to 650 mm
- Fitting: BSP 2", male
- Head housing: IP54
- 3 possible functions:
  - Direct reading on dial
  - With 1 to 3 contacts, potential free
  - Output signal: continuous resistive signal ( $\Omega$ )

## APPLICATIONS

These controllers for alarms on low, high levels, and transmitters of continuous level, are designed for indoor and small tanks

- Diesel in tanks
- Day-tanks
- Lubricating oil
- Glycol water
- Rainwater

Particularly suited for small storage tanks (150 to 650 mm high), e.g. on filling automation of tanks for diesel generators.



## DESCRIPTION

Under the thrust of the fluid, the float transmits the level through a rod transmission to a vertical stem.

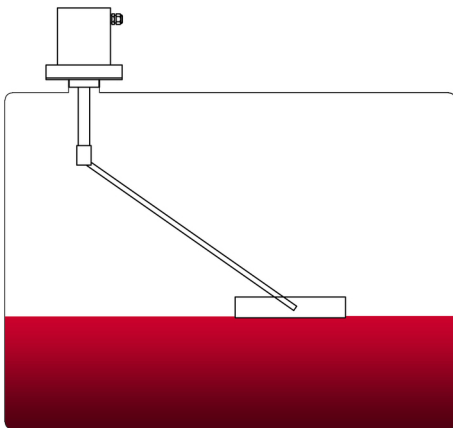
The stem actuates a pointer on the dial, the contacts or/ and a potentiometer for output resistive signal image of the level.

Gauge is mounted on the top of the tank.

Instrument is available in various versions according to requirements:

- Direct reading of level on top or/ and side of gauge head.
- 1 to 3 contacts (2 way contact), high and low levels and/ or pump automation
- Output for continuous resistive signal

*The complete system is supplied ready to install and to use.*



## TECHNICAL FEATURES

Materials	Steel, Nylon, brass, stainless steel
	Float: foamed PVC
	Flange seal: Cork gasket
Fitting	BSP 2", male
Head housing	IP 54
Dial	Above: Orange background; Graduations at 0, 1/2 and 1 (fig.1.)
	Side: White background; Graduations at 0, 1/2 and 1 (fig.2)
Operating pressure	Atmospheric
Operating temperature	From 0 to 40 °C

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Level indicator and controller  
**CF80 Series**

16-02-2022

D-579.04-EN-AC

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579-04/1

Contacts

Default setting:

Low level alarm: 20 % capacity (Change-over contact, 10 A, 230 V, potential free)

High level alarm: 85 % capacity (Change-over contact, 10 A, 230 V, potential free)

Filling function: ON at 40 % and OFF at 80 % capacity (2-way contact, 10 A, 230 V, potential free)

On request: Factory setting between 20 and 85 % capacity.

Output, resistive signal

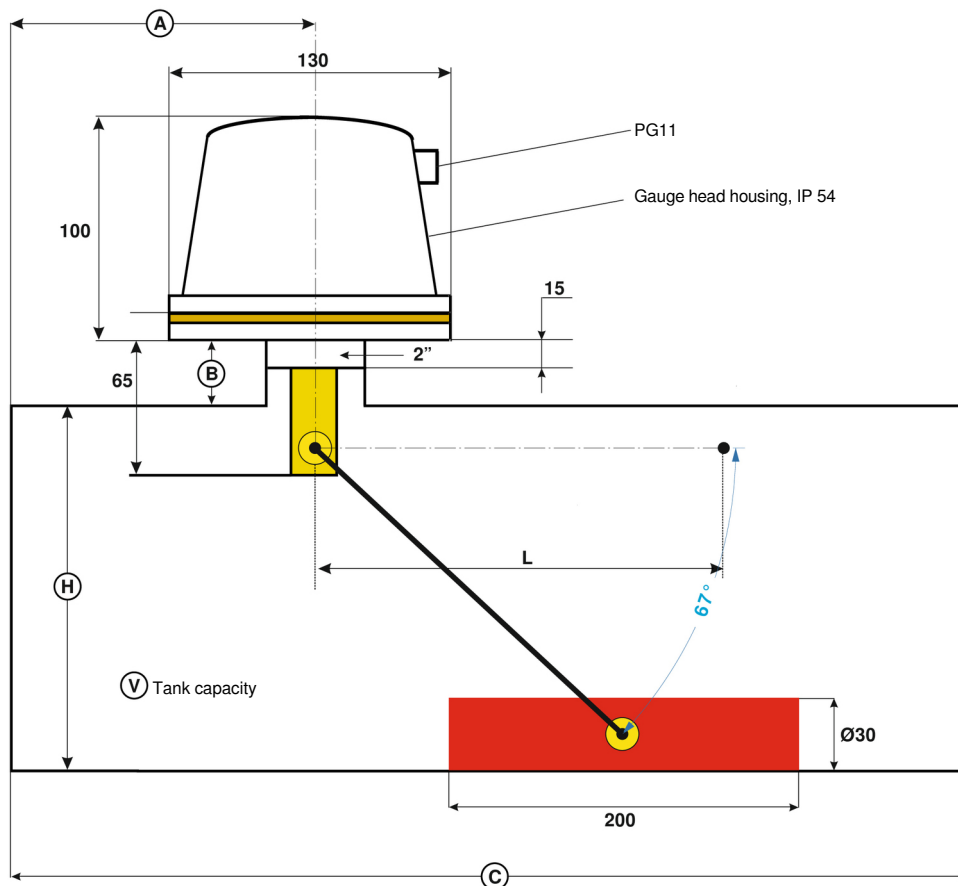
From 0 to 160  $\Omega$  (approx.,  $\pm 15\%$ )

## CODE NUMBERS AND REFERENCES

Code	Reference	Direct reading on dial		Output, $\Omega$	Contacts		
		On top	On the side		LOW level	HIGH level	ON/ OFF
579 030	JE80			●			
579 032	JE80 1S			●	●		
579 034	JE80 2S			●	●	●	
579 040	JE80 N	●		●			
579 042	JE80 N-1S	●		●	●		
579 044	JE80 N-2S	●		●	●	●	
579 500	CF80 N	●	●		●	●	●
579 502	CF80 1S				●		
579 504	CF80 2S				●	●	
579 510	CF 80				●	●	●
579 518	JLD 80	●					
579 043	JE80 2L 1S	●	●	●	●		

## DIMENSIONS

Dimensional (not to scale)



Dimensions A, B, C, H and V (tank volume) must be confirmed on purchase order.  
In case of a rectangular shaped tank, the width must be mentioned as well.

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