

LiquiLevel CB

LIQUID TANK LEVEL INDICATOR for
CHEMICAL & PROCESS TANKS

The *LiquiLevel* 'CB' tank level indicator, allows easy and precise reading of the tank level. Float system within tank is suspended by a cable, supported by 2 No: 90 degree upvc Elbow pulleys. Thanks to the counter pulley system, the volume of liquid in the tank is shown by a Red counterweight/level indicator inside vertical clear upvc pipe which is installed parallel to the tank.

Benefits

- ✓ Recommended for virtually any liquid and tank.
- ✓ upvc Pipe and fittings. Easy to install solvent weld system.
- ✓ Can be used with magnetic level control switches for pumps, alarms etc..
- ✓ Metric and Imperial systems
- ✓ No sidewall tank penetrations.
- ✓ Maintenance free.
- ✓ Fits standard upvc piping systems
- ✓ Gas/ Vapour tight.



Installation

The LiquiLevel CB tank level indicator system is supplied either as a complete kit ready for installation, or parts can be purchased separately for customer specific applications. Optional extras such as magnetic level switches and solid floats are available.

The System.

The CB LiquiLevel system uses 40mm pipe and fittings as standard. For larger tanks, we also offer a guide pipe 1-1/4" system.

System requirements

1x40mm plain upvc solvent weld pipe adaptor connection at the top of the tank, 90 degrees to ground level. A tank access hatch of at least 150mm diameter is also necessary for installation of the float.

For more information on the LiquiLevel cb tank gauge system, please contact us Today!

LiquiLevel CB

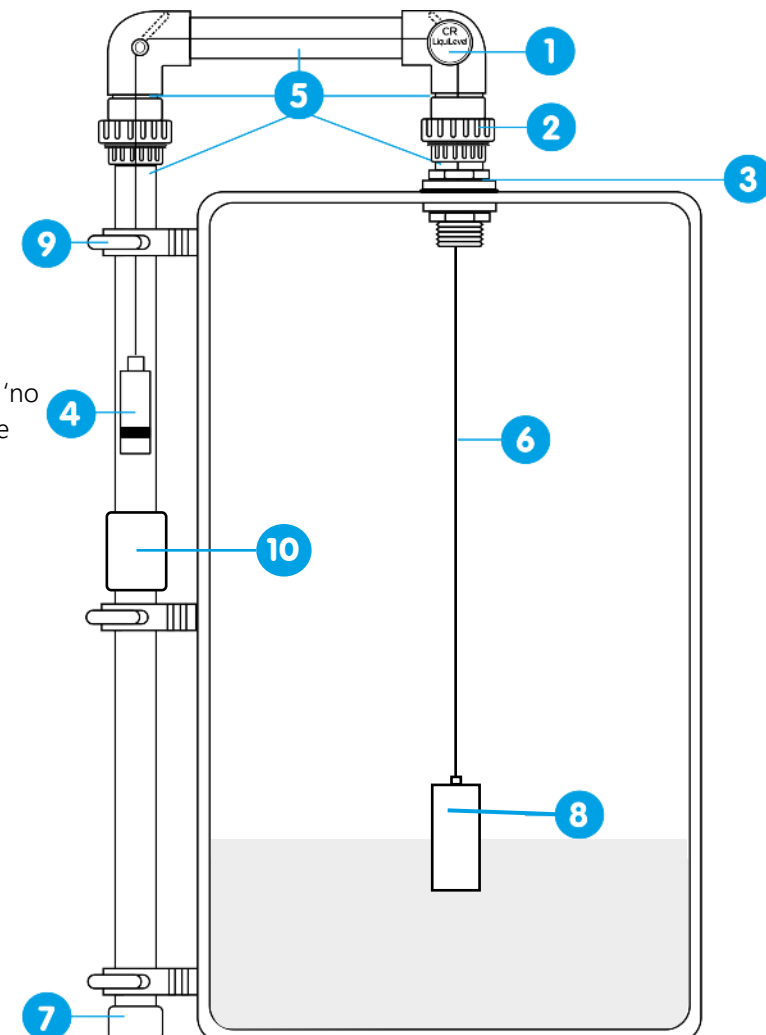
LIQUID LEVEL INDICATOR for
CHEMICAL & PROCESS TANKS

LiquiLevel CB Tank Gauge system for process tanks

- Vapour tight cable operated level indicator.
- Easy to install
- Designed for viscous, aggressive and waste liquids
- Adjustable on site, easy to install
- For any tank height up to 3.5 metres tall
- No electrical or battery requirements

The System.

Pulley are built in to superlene elbows with a special cable 'no jump' system. Elbows are glued on site to upvc tubes. The magnetic counterweight allows for easy tank monitoring and level reading. It is guided in a transparent upvc tube. Assembly is connected to the tank with a upvc 40mm solvent weld pipe coupling. *Figure No:3*



No.	Product description
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- | | |
|----|---|
| 1 | 1.25"Ø 90° HDPE pulley elbows
Qty: 2 |
| 2 | 1.25"Ø Pipe unions UPVC
Qty: 2 |
| 3 | 1.25"Ø Tank adaptor UPVC
Qty: 1 |
| 4 | Red HDPE magnetic counterweight
Qty: 1 |
| 5 | 1.25"Ø Clear UPVC pipe
Qty: as required |
| 6 | Polypropylene braided cord 3mmØ
Qty: 21' |
| 7 | 1.25"Ø Cap UPVC
Qty: 1 |
| 8 | Polypropylene PP Float Dial.85mm.
Qty: 1 |
| 9 | 1.25"Ø Pipe clips
Qty: as required |
| 10 | 1.25"Ø Uhoir , Coupling
Qty: as required |

Optional components

The magnetic switch complements your reverse float level indicator system. The reverse float counterweight(red) contains a magnet that changes the contact state when it passes.



Installation (3 - Polypropylene float)

- 6- The cord length will be determined by lowering the counterweight to the bottom of the UPVC pipe. With the cord now threaded through all the pipe and fittings you can now mark the cord at the highest point of the tank. *Figure 3.6*
- 7- Pull the cord through the tank inspection point and screw the float back to the cord screw. *Figure 3.7*

Check the system is working by pulling on the polypropylene float to make sure the cord is running on the pulleys.

Remember when the tank is empty, the red UPVC counterweight should be at the upper part of the guide tube (clear UPVC pipe) *Figure 3.8*

