

LiquiLevel CR

LIQUID TANK LEVEL INDICATOR for
CHEMICAL & PROCESS TANKS

The *LiquiLevel 'CR'* 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 PVC 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 PVC pipe which is installed parallel to the tank.

Benefits

- ✓ Recommended for virtually any liquid and tank.
- ✓ PVC 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 PVC piping systems
- ✓ Gas/ Vapour tight.



Installation

The LiquiLevel CR 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 CR LiquiLevel system uses 40mm pipe and fittings as standard. For larger tanks, we also offer a guide pipe 2" system.

System requirements

1x 40mm plain PVC 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 CR tank gauge system, please contact us Today!

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LiquiLevel CR Tank Level Indicator System kits



LiquiLevel Basic System kit

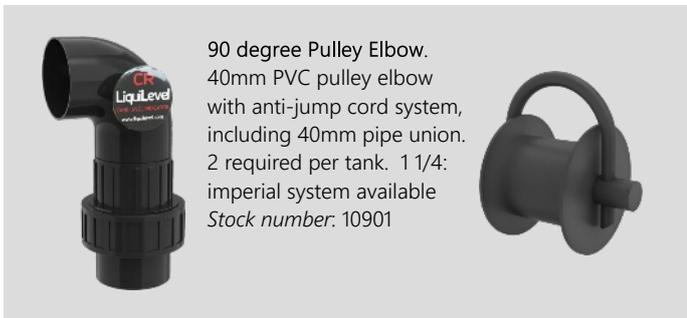
The basic kit includes main components with customer sourcing Clear PVC pipe and pipe clips. Kit contents also include 40mm tank/bulkhead adaptor, 40mm pipe cap, Polypropylene cord for tanks up to 3 mtrs high plus all components shown above.



LiquiLevel Complete System kit

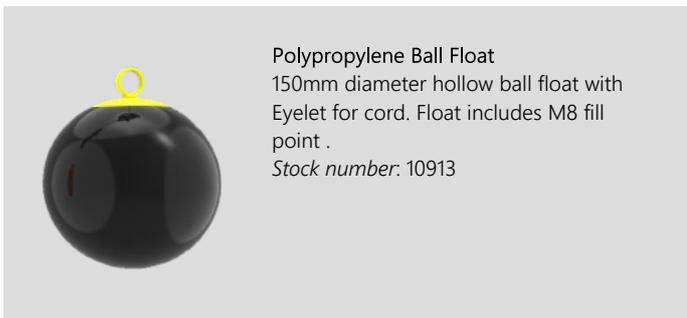
The complete kit includes all Products to install The liquiLevel Tank level indicator into tanks up to 3 metres high, including 4x 1 metre lengths of 40mm PVC pipe, 3x 40mm PVC pipe connectors and 5x 40mm PVC pipe clips. Please note that 2 float options are available. Standard float is a 150mm diameter hollow Ball type. Option: 80mm diameter Polypropylene solid float.

LiquiLevel CR Tank Level Indicator Components

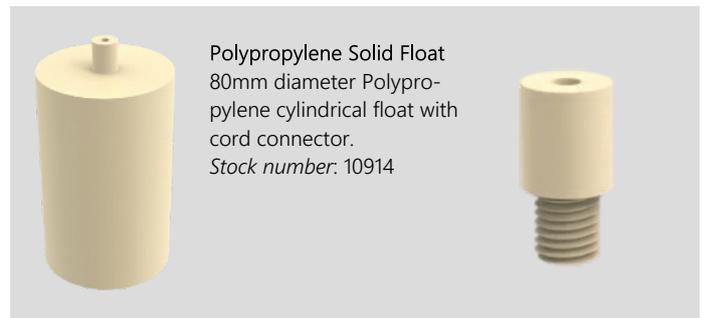


90 degree Pulley Elbow.
40mm PVC pulley elbow with anti-jump cord system, including 40mm pipe union. 2 required per tank. 1 1/4" imperial system available
Stock number: 10901

Red PVC Counterweight.
30mm diameter Red PVC Counterweight with cord connector and built-in magnet for switching of controls etc,
Stock number: 10915



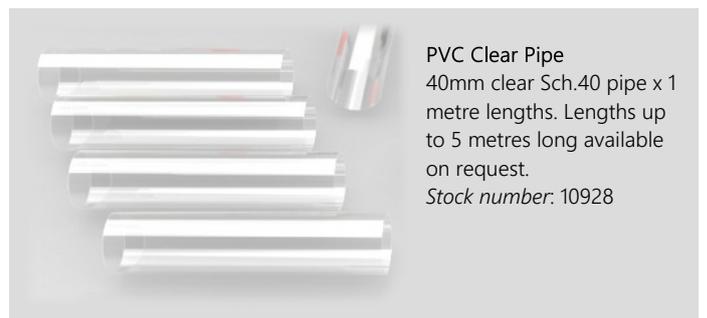
Polypropylene Ball Float
150mm diameter hollow ball float with Eyelet for cord. Float includes M8 fill point .
Stock number: 10913



Polypropylene Solid Float
80mm diameter Polypropylene cylindrical float with cord connector.
Stock number: 10914



PVC Bulhead fitting
40mm x 1 1/2" Male thread PVC tank adaptor fitting c/w tank seal.
Stock number: 10920



PVC Clear Pipe
40mm clear Sch.40 pipe x 1 metre lengths. Lengths up to 5 metres long available on request.
Stock number: 10928

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LiquiLevel CR Tank Level Indicator Components



Bistable Level Switch.

Designed for use with LiquiLevel CR system for mounting externally on PVC guide tube. The changeover contact switches depend on the position of the Red PVC counterweight. Typical applications include limit value recording or 2-point control (min/max) on containers and storage tanks. 4...250V AC, 30 V DC
Stock number: 10990



Polypropylene Cord
3mm diameter white 8 braided
chemical resistant cord.
Stock number: 10908



PVC pipe clip
40mm PVC pipe clip for fixing guide
tube to storage tank or vessel.
Stock number: 10924



90 Degree Pulley elbow - Own branding
We can supply 90 degree elbow with
own-branding label options. We offer
design of label and supply of complete
product to customer specifications
Stock number: 10900

YOUR COMPANY LOGO



Knowing the liquid level in your storage tank is vital. We recommend using LiquiLevel CR tank level indicator on all chemical and process tanks, as it offers optimum safety and protection of liquid. No batteries or electrical required. A simple, reliable mechanical tank level indicator offering instant check of liquid level at a glance. The LiquiLevel CR system is manufactured to a very high standard and can be adapted to most chemical tank applications. We offer both metric and imperial systems to suit a wide range of standard PVC pipe systems. For more information please contact us today. info@nikeson.com. Or call us +46 371 390110.

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LiquiLevel CR 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.

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

Components

A 40mm plain PVC 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.

40mm pipe connector and clear PVC guide tube in 1 mtr Lengths. *Total length to specify when ordering.*

2x 40mm PVC guide tube x 1 mtr length. **No:5**

1x 80mm PVC Solid float with cable connection. **No:8**

1x Ø 3mm x 5 mtr Polypropylene cable. **No:6**

2x 40mm 90 degree PVC Pulley elbows. **No:1**

1x magnetic counterweight. **No:4**

1x 40mm pipe socket. **No:10**

2x 40mm pipe unions. **No:2**

1x 40mm PVC end cap. **No:7**

4x 40mm PVC pipe clips. **No:9**

1x 40mm Tank Adapter. **No:3**

Optional Extras

Magnetic level switches for operating controls, alarms

2" Guide tube system for tall tank

Company branding on 90 degree elbow.

We offer CAD drawings of component parts. Available on request. We also offer a wide range of images for marketing purposes. Please contact us today.

