

Level Control

Easy to use level control solutions



- Level control
- 1, 2 or 3 pumps
- Easy to install and operate
- Choice of level sensing options

CAP Industries offers a range of flexible, easy-to-use solutions to suit your level control application.

Each system features our trademark practical design and is purpose-built to incorporate your choice of level sensing technology. This combined with our quality, field proven components and robust construction enables us to deliver reliable, cost effective solutions for your level control requirements.

Key system benefits include:

- easy to install and operate
- operation via level transducers, float switches, level probes or ultrasonic technology
- auto-off-manual switch (each pump)
- automatic rotation of lead pump each start
- run and fault indication (each pump)
- high level alarm
- suitable for new and existing installations
- suits tank fill or tank emptying applications.

Customisable options

The flexible design of our level control solutions ensures you can configure your system to meet any site-specific requirement or technical specification.

Customisable options available include:

- audible alarm with mute button
- inner door construction
- phase failure protection
- programmable, 7 day time clocks
- low voltage (24V) control transformer
- thermistor relay protection
- low and high voltage protection
- remote monitoring and control.

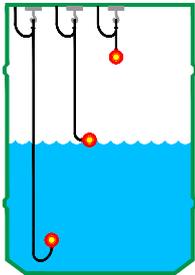


Level control system with MultiTrode® probe control



Standard level control system with inner door (float switch control)

Choosing the correct level sensing solution



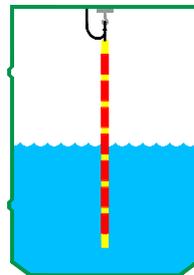
Float switches

Use for:

- level control
- empty or fill applications (3 wire control)
- clean or dirty water

Advantages:

- cost-effective
- easy to use and install
- variety of cable lengths
- IP68, submersible to 10m maximum
- PVC cable for general applications
- neoprene cable for sewage applications
- switching angle $\pm 45^\circ$



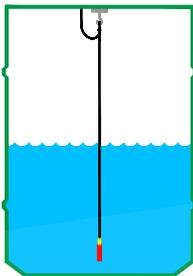
MultiTrobe probes

Use for:

- level indication and control
- clean or dirty water
- municipal applications
- turbulent conditions

Advantages:

- reliable
- low maintenance
- simple installation
- low-sensing voltage
- from 30cm to 3metres long
- single probe with 10 built-in segments (no tangling)
- ideal for confined spaces



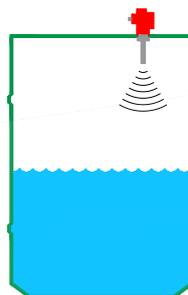
Level transducers

Use for:

- level indication and control (pressure-based)
- clean water
- tank level indication

Advantages:

- measures in cm ($\pm 1\%$ accuracy)
- simple installation
- traditional 0.5 bar (1 or 2 bar on request)



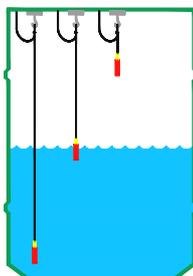
Ultrasonic

Use for:

- level indication
- non-intrusive installations

Advantages:

- accurate
- suitable for a variety of liquids
- typical range 0.25m to 10m
- can withstand immersion



MAC3 probes

Use for:

- level control
- clean water

Advantages:

- accurate and cost effective
- options available to suit different water types
- low sensing voltage

Technical Data

Enclosure options	IP56 PVC enclosure IP65 powder-coated metal enclosure Stainless steel or aluminium available on request
System power supply	1x240V, 3x415V Others available on request
Control power supply	1x240V with floats 12/24V probes/transducer Low voltage available on request
Starting options	DOL, soft starter or variable speed drive
Wiring standard	Wired to Australian Standards

MultiTrobe is a registered trademark of MultiTrobe Pty Ltd in Australia, USA and Europe.
All other trademarks are property of their respective trademark owners.

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