Conductivity Controller BCH-1

FEATURES

* Applications in cooling towers, de-mineralisation equipment, reverse osmosis, water softeners etc.
* Conductivity range 100-5000uS.
* Single set point.
* Calibration easily performed through front panel access.
* Fully isolated 4-20mA current output.
* Relays rated at 240 VAC/5A.
* Thermo plastic enclosure with transparent cover.
* Optional instruments available to further enhance the performance of the BCH-1.

liquid@liquidcontrols.com.au www.liquidcontrols.com.au

Liquid Controls (Aust) Pty Ltd

3/1 Quist Crt., Dandenong Vic. 3175
P O Box 4174 Dandenong Sth. Vic 3164
Tele: 03 9794 7066 Fax: 03 9794 0641

BLIND CONTROLLER BCH-1

SPECIFICATIONS

RANGE:	0-500 0uS single range
Temperature Compensation:	0-10°C fully automatic
Relay output:	2x240VAC 5 A. current rating
Fuse:	5A internal fuse for instrument and outputs.
Deadband:	2% of full scale
Accur acy of set point:	1% of full scale.
Repeatability:	Better than 1%.
Calibration:	uS calibration accessible through front panel.
Output:	0-5000uS 4-20mA full scale, current output
Housing:	Thermoplastic with transparent lid.
Dimensions:	182x137x108mm.

3 LED indicators display mode of operation.

Power on
Relay (BLEED)
Relay (INHIBITOR)
Manual override mode for both relay outputs.

Cell:	Material PVC
	Size 3/4" BSP thread
	Cable 3 metres length
	Temp. sensor encapsulated
	Range 0-60°C.

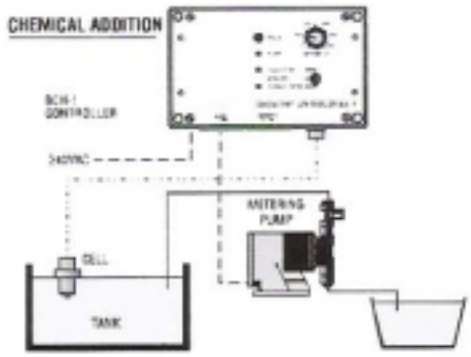
FEATURES

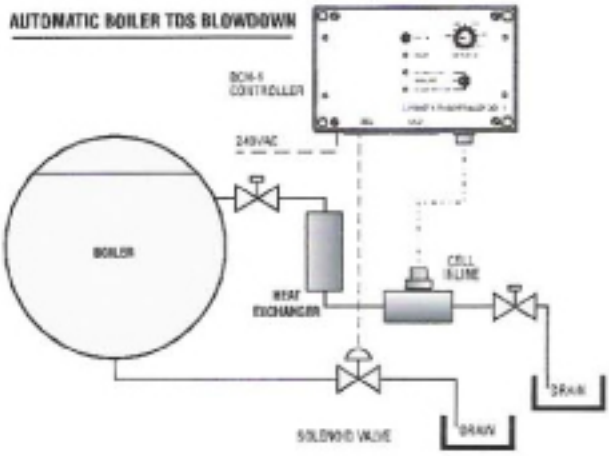
The model *BCH-1* blind controller is particularly suited where an economical yet efficient installation is required. All instrument connec-tions are accomplished with plugs and connectors; elimi-nating all on-site electrical wiring. Mounting the *BCH-1* involves no more than inserting 4 screws through the 4 large holes located on each corner of the instrument and fixing them the a mounted back panel.

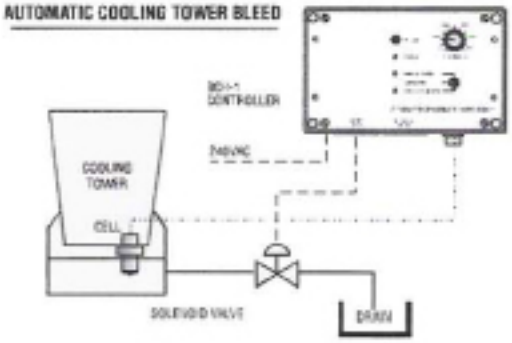
The 4-20mA constant current output, fully isolated, enables the user to interface the *BCH-1* directly into a microprocessor. The isolation provided in the *BCH-1* ensures reliable performance without creating loop ptoblems.

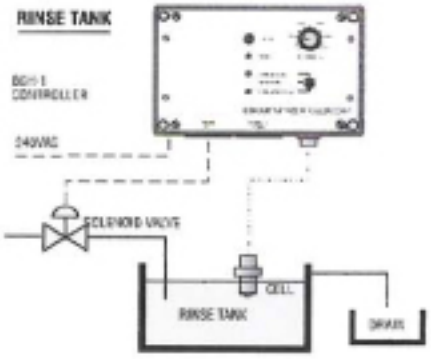
The cell is mounted inline o r immersed into the liquid. When the desired set point is reached the *BCH-1* activates both output sockets switching on either a pump and/or solenoid valves etc. As soon as the conductivity falls below the set point the output sockets are switched off.

APPLICATIONS









SOLD AND SERVICED BY

Liquid Controls (Aust) Pty Ltd
3/1 Quist Court
Dandenong South Vic 3175
Tele: 03 9794 7066 Fax: 03 9794 0641