

Water level control systems

4-SENSOR WATER LEVEL CONTROL GROUP



PRE-ASSEMBLED | 4 SENSORS | 220 Vac | RELAY OUTPUTS | IP55

- Detection by 4 probes
- Adjustable settings
- Relay outputs
- Pre-assembled system with IP55 box

Self contained system, already assembled in an IP55 box, 220V power supplied, consisting of the 4-sensor Level Controller, the power supply transformer for the electrovalve and a timer. It allows to keep the fountain water level constant at the desired threshold.

When the water level is "OK" ("OK" GREEN light on) the fountain system runs normally.

If, while running, the water level went down below the refill threshold, the system would go on running and at the same time the level controller would supply the refill electrovalve, restoring the tank's water level ("REPLENISHMENT" GREEN light on). The refill time can be set, according to the system's needs, through the TBL timer (default factory setting of 10 minutes); once the refill time has expired, if the water level was not restored, the system would be stopped with deactivation of the auxiliaries. If the "HIGH" level was reached before the expiration of the refill time set, the refill procedure would be stopped automatically and the system would start running again.

If, during plant normal functioning, the water level went down quickly (due to a damaged pipe, excessive wind, etc.), as soon as the "STOP" level was reached (RED light on) the plant would stop, with deactivation of the auxiliaries ("STOP" RED light on, "REPLENISHMENT" GREEN light on, "OK" GREEN light off). The system would be automatically activated again as soon as the water level was restored.

		4-SENSOR WATER LEVEL CONTROL GROUP
CODE		**GCL4**
TERMINAL BOX REFERENCES	L-N	220 Vac - 50 Hz power supply
	1	24 Vac electrovalve
	2	24 Vac electrovalve
	3	REFERENCE level sensor
	4	HIGH level sensor
	5	REPLENISHMENT level sensor
	6	STOP level sensor
	7	Relay contact
	8	N/O relay contact
	9	N/C relay contact
	NOTE	Teminals 7 and 9 Contact ON = **water level OK** | Teminals 7 and 9 Contact OFF = **water level LOW**
DIMENSIONS		H 340 x W 236 x D 126 mm