



Kontrol 800 - Cooling Tower

The Kontrol 800 - Cooling Tower is a dedicated multi-parameter controller that manages up to 6 simultaneous parameters providing professional levels of measurements.

The unit features independent proportional control output measures with four programmable Frequency Outputs, a RS485 serial port with ModBus protocol, four single relay Normally Open for chemical SetPoint setup, Temperature measure and remote Alarm; two powered relays and four analogue Output 4-20mA that can be set by the end user.

Probe quality checking and data logging capability are also available.

TECHNICAL CHARACTERISTICS

- Power Supply: 100-240 Vac 50/60 Hz, 15 Watt (Class 1)
- System duration: 24 hours a day, 7 days a week for 5 years
- Operating temperature: 0 to 40°C, relative humidity 0 to 95% (without condensation)
- Data display: 4-line display with 20 large White and Blue characters
- Keyboard: membrane 7 Keys
- Cable connections: Dual row connectors
- Six Relays: Four 100 to 240V Powered relays and Two dry contact relays
- Output Modules associated with the chemical measurements
- Four 4-20 mA Current Output channel, 500 Ohm maximum load
- Four Frequency Output channel (Open Collector NPN/PNP) 1 - 120 pulses/min
- Flow(pull up) (Input for Reed sensor)
- Hold function by voltage input (15-30 Vdc) and Reed input
- Internal Power Supply for Sensor (24 Vdc @30mA)
- RS485 Serial Port (ModBus Standard Protocol)
- Temperature Probe input
- Modules integrated technology
- Clock module with backup battery
- Enclosure Box in Wall mounting, ABS material, IP65 Full Box (L:278 x H: 285 x D:139.5)

PRODUCTS KEY

K	Kontrol							
	800	Kontrol 800 – Cooling Tower						
		L11	pH/ORP/Flow/Temperature/EC-Conductivity					
		L15	pH/Flow/Temperature/EC-Conductivity					
			W	Wall Type Enclosure Box				
				M	Power Supply Switching 100-240 Vac			
					0	FREE/CUSTOM		
						0	FREE/CUSTOM	
							0	FREE/CUSTOM
								0 FREE/CUSTOM
K	800	L15	W	M	0	0	0	0

PRODUCT LINE

	pH	ORP	EC- Conductivity	Temperature	Flow
K800L11	•	•	•	•	•
K800L15	•		•	•	•

MEASURE RANGE

Measure	Range Description	Accuracy
pH	0 ÷ 14,00 pH	± 0,01 pH
ORP	± 2.000 mV	± 1 mV
EC-Conductivity	0,054 ÷ 200.000 µS	± 2 %
Flow Rate	0 ÷ 99.999 liter/sec	± 0,5 Hz
Temperature	0 ÷ 100 °C (-32÷212 °F ±1,8°F)	± 0,2 °C

DIMENSIONS

