Controller Instrument
Kontrol 800



Kontrol 800

The Kontrol 800 is a dedicated multi-parameter controller for complex applications that require a number of chemical parameters to be checked at the same time. The unit features independent proportional control output measures, two programmable frequency outputs, RS485 serial port with MODBUS protocol, three relays outputs, probe quality checking and data logging capability.

TECHNICAL CHARACTERISTICS

- **Power Supply**: 100-240 Vac 50/60 Hz, 15Watt (Class 1 Electrical Insulation)
- **System duration:** 24 hours a day, 7 days a week for 5 years (43800 Hours)
- **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**: 7 Keys
- **Cable connections**: Dual row connectors
- **Relays**: Six (250 Vac 7 A); Four 100 to 240V Power relays and Two dry contact relays
- Output Modules associated with the chemical measurements:
- 2 channel current output, 0/4 to 20mA, 500 Ohm maximum load (precision ± 0.01 mA)
- 2 channel Frequency Output (Open Collector NPN/PNP) 0 to 120 pulses per minute
- (precision 0.016 Hz)
- Input Modules:
- Flow (pull up) (input for Reed sensor)
- Hold
- Data transmission modules:
- RS485 Serial Port (ModBus Standard Protocol)
- Modules integrated upon the mother
- Clock module with backup battery
- Wall mounting ABS (IP65) (L:278 x H 285 x D:139.5)

APPLICATIONS

- Waste water
- Drinking water
- Sludge
- Crate wash
- Dioxide station
- Swimming pools
- Sea water
- Legionella disinfection
- Dairy
- CIP
- Fish farming
- Drinking water
- Cooling towers
- Boilers
- Reverse osmosis
- Galvanic process
- Irrigation

Technical data can be changed without notice.
Kontrol_ 800_R8

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PRODUCTS KEY

K	**Kontrol**							
	800	**Kontrol 800**						
		L01	**Amperometric Chlorine**					
		L02	pH/ORP and pH/ORP					
		L03	pH and Amperometric Chlorine					
		L04	pH/ORP and Amperometric Chlorine					
		L05	pH/ORP and Conductivity					
		L06	free and total Potentiostatic Chlorine					
		L07	pH and Potentiostatic Chlorine					
		L08	pH/ORP and Potentiostatic Chlorine					
		L09	pH/ORP and Amperometric / Potentiostatic Chlorine					
		L11	pH/ORP and Conductivity measure (Cooling Tower)					
		L15	pH and Conductivity measure (Cooling Tower)					
		L18	pH, ORP, CL-Amp, and Conductivity measure (Cooling Tower)					
		L19	pH, ORP, In-mA1, and Conductivity measure (Cooling Tower)					
			W	**Wall type (IP65)**				
				M	Switching 80÷265 Vac			
					9	**FREE/CUSTOM**		
						10	**FREE/CUSTOM**	
							11	**FREE/CUSTOM**
								12	**FREE/CUSTOM**
K	**800**	**L02**	**W**	**A**	**0**	**0**	**0**	**0**

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Kontrol_800_Series_R9

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PRODUCT LINE

	pH	ORP	Conductivity	Chlorine amperometric cell	Chlorine potentiostatic cell
K800L01				●	
K800L02	●	●			
K800L03	●			●	
K800L04	●	●		●	
K800L05	●	●	●		
K800L06					●
K800L07	●				●
K800L08	●	●			●
K800L09	●	●		●	●
K800L11	●	●	●		
K800L15	●		●		
K800L18	●	●	●	●	
K800L19	●	●	●		●

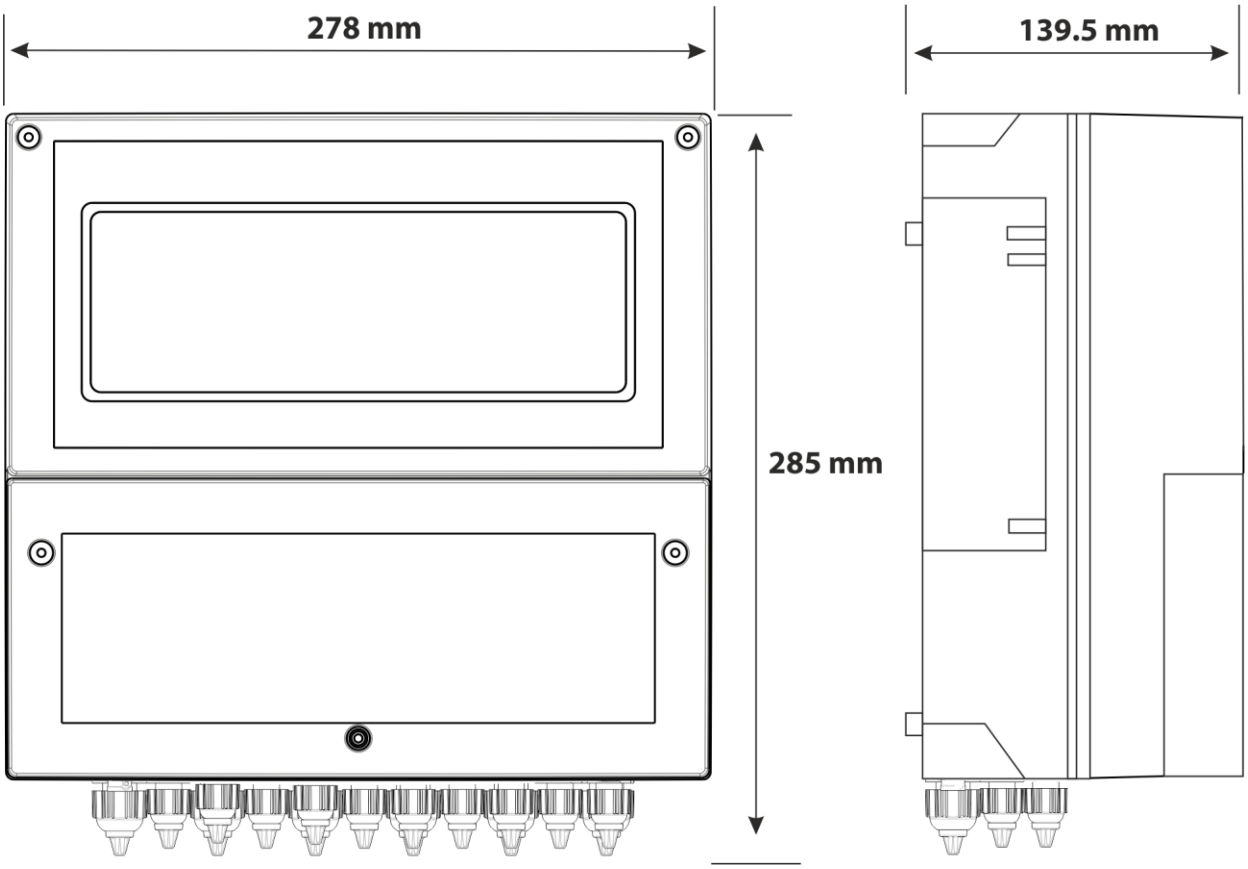
MEASURE RANGE

Measure	Description	Accuracy
pH	0÷14,00 pH	±0,01pH
ORP	± 2000 mV	±1 mV
Conductivity	0,054÷200.000 µS(1*)	±2%
Flow Rate	0,00÷99.999 Liters/Sec.(3*)	±0,5Hz
Chlorine	0,00÷200.00 ppm	±0,01ppm
PAA	0,00÷99.000 ppm	±0,01ppm
H2O2	0,00÷99.000 ppm	±0,01ppm
Ozone	0,00÷99.000 ppm	±0,01ppm
Bromine	0,00÷200.00 ppm	±0,01ppm
Turbidity	0÷4000 NTU	±2%
Oxygen	0÷20 ppm	±2%
Temperature	0÷100°C (-32÷212 °F ±1,8°F)	±0,2°C

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DIMENSIONS



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