



KONTROL 200

The Kontrol 200-series are advanced controllers designed for simpler high-end applications. The units feature an independent proportional control output, RS 485 serial port with MODBUS protocol, probe quality checking and a variety of outputs . The user has full programming authority.

TECHNICAL CHARACTERISTICS

Graphic display and Keypad

128 by 64 pixel resolution monochrome display with graphic icons to show digital output status, Data logging, washing cycle, alarms. Simultaneous flashing values for the measurement (numeric + bargraph) and temperature readings. Analogue scrolling output values. Five control keys for instrument calibration and configuration.

Enclosure Box and Power Supply

Wall mounting ABS plastic material
IP65 (144x144)
Panel mounting IP54 (96x96)
Universal Power Supply 100÷240 Vac 50/60 Hz

Measure Input

High measuring resolution with probe quality control. A modular measuring system Chlorine measure in sea water application.

Current outputs 4÷20mA Galvanic isolation

One independent programmable Output Measures

Relay Outputs

Four independent functions, two set points, one alarm remote output, on backwashing probe output. On/OFF, Timed routine function setting.

Digital Input

Dedicated and level input to disable all controller output functions.

APPLICATIONS

- Waste water
- Legionella disinfection
- Dairy
- CIP
- Sea water
- Drinking water
- Cooling towers
- Boilers
- Reverse osmosis
- Galvanic process
- Irrigation
- Swimming pool

PRODUCTS KEY

1	PRODUCT TYPE							
K	Kontrol							
	2/3	MEASURE						
	CD	Conductivity						
	OX	Dissolved oxygen						
	CL	Potentiostatic Chlorine						
	ID	inductive conductivity						
	TB	turbidity						
	PR	pH/Orp and pH/Orp						
	4/5/6	INSTRUMENT TYPE						
	200	Kontrol 200						
	7	MOUNTING						
	P	box type 96X96						
	W	box type 144X144 (IP65)						
	8	POWER SUPPLY						
	A	230 Vac						
	B	24 Vac						
	C	115 Vac						
	M	Switching 80÷265 Vac						
	9	FREE/CUSTOM						
	10	FREE/CUSTOM						
	11	FREE/CUSTOM						
	12	FREE/CUSTOM						
K	CD	200	W	A	0	0	0	0

PRODUCT LINE

	pH/ORP	conductivity	Ind. conductivity	Dissolved oxygen	Chlorine potentiostatic cell	Turbidity	H2O2	C2H4O3	O3
K200PR	•								
K200CD		•							
K200ID			•						
K200OX				•					
K200CL					•		•	•	•
K200TB						•			

MEASURE RANGE

pH	0÷14,00
ORP	±1500mV
Conductivity	0÷20/200/2.000/20.000/200.000µS
Inductive conductivity	0÷10.000/10.000/100.000/999.999µS
Dissolved oxygen	0÷20,0 ppm or mg/l 0÷200% SAT
Chlorine and Chlo. Dioxide	0÷0,50/1,00/2,00/5,00/10,0/20,0/200,0ppm
Turbidity	0,00÷40 NTU/FTU
Hydrogen peroxide (H2O2)	0÷500/1000/2000/10.000/100.000 ppm
Peracetic Acid (C2H4O3)	0÷500/2000/10.000/20.000 ppm
Ozone (O3)	0÷0,5/2,00/5,00/10,00 ppm
Temperature compensation	with PT100/PT/1000 0÷100 (32÷212 °F)

DIMENSIONS

