

KONTROL 42

The Kontrol 42 are double-parameter controllers respectively. These very user-friendly systems combine advanced performance and simple design. Single-parameter units are available in four different casings, ensuring perfect fit at the right price.

TECHNICAL CHARACTERISTICS

Graphic display and Keypad
Simultaneous value of the measure, Temperature and Relay status. 2-line, 16 character Alphanumeric Display. Four control keys for instrument calibration and configuration.

Enclosure Box and Power Supply
Wall mounting ABS (IP65) (L:278 x H: 285 x D:139.5)
Universal Power Supply 100÷240 Vac 50/60 Hz and 24Vac/dc

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
Two (2) independent function, two Set point Measure, dry contact. Software-set alarm functions.
Routine function settings : ON/OFF, Timed and proportional

Digital Input
Dedicated and level input to disable all controller output functions.

APPLICATIONS

- Waste water
- Legionella disinfection
- Sea water
- Crate wash
- CIP
- Dioxide station
- Swimming pool
- Drinking water
- Cooling towers
- Boilers
- Reverse osmosis
- Galvanic process
- Irrigation

PRODUCTS KEY

K	**Kontrol**							
	042	**Kontrol 42**						
		CF	**Chlorine and Flow rate**					
		DF	Conductivity and Flow rate					
		PC	pH/Orp and Chlorine					
		PD	pH/Orp and Conductivity					
		PF	pH/Orp and Flow rate					
		PR	pH/Orp and pH/Orp					
			P	**Box type 96X96**				
			W	Box type 144X144 (IP65)				
				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	**042**	**PR**	**W**	**A**	**0**	**0**	**0**	**0**

PRODUCT LINE

	pH	ORP	Conductivity	Chlorine amperometric cell	Chlorine potentiostatic cell	Flow rate
K042PR	●	●				
K042PD	●		●			
K042PC	●			●	●	
K042CF				●	●	●
K042PF	●					●
K042DF			●			●

MEASURE RANGE

Measure	Description	Accuracy
pH	0 ÷ 14,00 pH	±0,1pH
ORP	±1500 mV	±5 mV
Conductivity	1÷50.000 µS	±5%
Flow Rate	0,00÷99.999 Liters/Sec.	±0,5Hz
Chlorine	0,00÷200.00 ppm	±0,01ppm
Temperature	0÷100°C (-32÷212 °F ±1,8°F)	±1,0°C

DIMENSIONS

