

### 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

