

# WA Series



WA Series is dedicated to the water treatment and industry sectors, and enables the following parameters to be measured [pH, ORP, Dissolved Oxygen, Suspended Solids, Turbidity, Conductivity and Residual Chlorine]. And it is equipped with an output for proportional control, control functions of the probe conditions and other various outputs. The user has full control of the programming.

## Specification

### Controller

Model	WA Series
PID Control	Settable functions P ; PI and PID
Activation	On analog or digital output
Proportional Range	0 ~ 500%
Time	Integral and/or derivative 0:00 ~ 5:00 min.
Analog Outputs	Two programmable; 4~20mA galvanically isolated Output limits user programmable between measuring ranges
Output1	Programmable for measure
Output2	Programmable for measure / Temp. / PID Control
Digital Outputs	Four; Switching Relays usable as NO; Max. resistive load 3A at 230Vac
Set Point On-Off	Two for each of the two measures Working range setting (Hysteresis/direction) Pause/working time setting 000 ~ 999 sec. PID Control Pulse frequency or PWM
Temp. compensation	One programmable for: Min/Max value, set point delay, permanence time(live check) Delay time 00:00~59:99 mm:ss at minimum steps of 15 sec. Permanence time 00:00~59:99 mm:ss at minimum steps of 15 sec. Permanence time 00:00~99:99 hh:mm Set point disabling in case of alarm Enable/Disable
Automatic sensor washing or Setpoint for Temp.	One to program the interval (Min. 15min.) and the duration from 00:00~24:00 hh:mm During the washing phase The digital and analog outputs and the temperature are frozen
Power Supply	100~240Vac/dc 50~60Hz (optional 24 Vac/dc)
Power Consumption	<7W
Electrical Protection	EMI / RFI CEI-EN55011 – 05/99
Mounting	Wall
Housing Material	ABS Grey RAL 7045
Dimension	144(L)*144(H)*122.5(P) mm with a mounting depth of 122.5mm
Mechanical Protection	IP66
Weight	1kg