

## **RT-10 Rinse Water Control System Specification**

### **RT-10 Kit comprises:**

<b>Control unit (wall or pipe mounted)</b>	
Dimensions :	120 x 58 x 80 mm
Power Supply:	24V AC
Display :	0 – 9999 $\mu$ S temperature compensated conductivity, resolution 1 $\mu$ S LCD display.
Valve opening setpoint:	0 - 9999 $\mu$ S in 1 $\mu$ S increments.
Set-point Hysteresis :	none, solenoid off-time is restricted to 30secs min
Case:	to IP66
Cable entries:	cable glands

### **15VA adapter transformer in wall mounted case**

<b>Conductivity sensor</b>
Electrodeless technology (no cleaning required)
High grade stainless steel and high temperature polypropylene construction.
Built in air-pump ensures water flow through sensor for fast response.

<b>Water control valve</b>
24vDC 10VA Burkert Fluid Control Systems type 6213 13mm dia seat direct acting.

### **Other Equipment in the RT-10 range:**

**For operating with conductivity set-point close to incoming water conductivity in a hard water area, it is advantageous to use a reference sensor:**

#### **Reference sensor kit RT-10-R**

The RT10-R reference sensor measures the reference water supply conductivity and sends a reference signal to all other control units, enabling relative set-point capability.

The RT-10-R kit includes:

- Electrodeless reference sensor to be fitted in a 'T' piece or may be dipped in the supply header tank.
- Control unit to transmit data to all RT-10 units fed from this supply.
- 15VA mains adaptor transformer in wall mounted case.

#### **Data logging transmitter module RT-10-L**

This add-on electronics module fits within the RT-10 control unit, offers 4-20 mA o/p of rinsewater temperature and conductivity for remote indication and/or logging.