



SYROS

PID CONTROLLERS



**TEMPERATURE & PROCESS
PID CONTROLLERS**

SYROS



SW48

48x48x58mm



SW49

48x96x58mm



SW96

96x96x58mm



SY24

48x24x97mm



SX48

48x48x62mm

The SYROS series regulators are ideal instruments for temperature regulation in processes where stability is critical, as they incorporate algorithms to improve the control loop behaviour.

Thanks to their numerous functions available and to their interconnection possibilities they can be considered as universal equipments for control and regulation.

SW SERIES MAIN FEATURES

- The largest bright color LCD on the market
- High speed sampling : 50 ms
- Fast processing : 100 ms
- Universal input
- Most compact class : 58 mm depth
- Multidrop master function (option)
- 100-240VAC / 24VDC-VAC Power supply

Three models are available :

- **SW96** (96x96x58 mm)
- **SW49** (48x96x58 mm)
- **SW48** (48x48x58 mm)

Large number of input/output signals :

- Universal input (RTD, thermocouple, voltage/current)
- Remote SV input (option)
- Current transformer (CT) input (option)
- Motorized valve position input (option)
- Output control (relay contact, SSR/SSC drive output, current/voltage) and in option (motorized valve control output, analog re-transmission output [current/voltage], heater burnout alarm, operating days alarm etc.)

Control method with Auto Tuning :

- ON/OFF control
- PID control
- Fuzzy control
- 2-degrees-of-freedom PID control
- Self tuning
- Setpoint generator
- Heating/cooling control (option)
- Motorized valve control (option), etc.

SYROS



Fast - Compact - User-friendly
Versatile controllers for all your applications

SY24

1/32 DIN CONTROLLER

- Input : Pt100 / TC / 1-5V / 4-20mA
- Output: relay / SSR / 4-20mA / 1-5V
- Alarm option



SY24

SX48

LOW COST

- Super slim
- User-Friendly
- Low cost
- Compact
- 48x48x62mm



SX48

With a 62 mm depth, and a front panel of only 1.6 mm thick, it is one of the smallest regulators in the market

- Easy programming thanks to simplified menu structure.
- ON/OFF or PID Control
- Autotuning
- Fuzzy Control
- IP65 Front panel
- Pt100 and TC inputs
- Control Output: Relay / SSR
- Alarm Output: Relay
- 85-265VAC Power supply



DITEL

SPECIALISTS IN VISUALIZATION

DISTRIBUTOR

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