

# New Electronic Process Controllers

## SX80 and SX90

Spirax Sarco has developed two electronic process controllers putting you back in control of your process plant.

### SX80

A user-friendly process controller for simple temperature and pressure control applications.

### SX90

An easy-to-use, feature-loaded and extremely flexible controller providing solutions for a vast range of demanding plant control applications.



# SX80 and SX90

## electronic process controllers

### SX80

We have developed a low-cost, flexible, user-friendly and accurate temperature controller offering accurate control of your key processes.

In just one  $\frac{1}{16}$ <sup>th</sup> DIN unit the SX80 has valve motor drive output and analogue dc outputs so that it can be adapted to any actuator hardware. Its universal process input and 24 Vdc power supply make it ideal for any sensor.

The onboard custom messages show scrolling text of plant conditions to keep operators up to date on the current situation.

### SX90

For processes that demand a high level of functionality we have developed the SX90, a class leading  $\frac{1}{8}$ <sup>th</sup> DIN controller that provides many different plant solutions.

Features include universal input, two analogue outputs, valve motor drive output, three relay outputs, logic inputs, potentiometer input, an isolated remote set point input and comms.

Scrolling text messages make it simple to keep up to date with events. An onboard transmitter power supply eliminates the need for extra equipment, and with quick start codes for set up, the SX90 is up and running very quickly.

## Key features and benefits

Controller	Key features	Key benefits
SX80 and SX90	Easy comprehensive operator information with custom messages.	Provides clear information of plant conditions with scrolling text.
SX80 and SX90	Quick and easy commissioning with one-shot auto-tuning.	No need for expert control knowledge.
SX90	Analogue remote set-point input and serial communications.	Integration with PLCs, PCs and other controllers.
SX90	Extra analogue and relay I/O for set-point selection, alarms and events.	Easy to adapt to differing process needs.
SX80 and SX90	4 - 20 mA and valve motor drive outputs in one single model.	Provides complete flexibility.
SX80 and SX90	24 Vdc transmitter power supply.	Reduces equipment costs.
SX80 and SX90	Quick code set-up.	Easy set-up of the most common applications.

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