



E6.4.2

TECHNICAL PROCESSES WITH INDUSTRIAL COMPONENTS

E6.4.2.6

Cascaded Loop with Remote Control

Cascaded Loop with Remote Control (E6.4.2.6)

Cat. No.	Description	E6.4.2.6
38-003	Level, Flow & Temperature Process Control	1
93-420	ESPIAL Software Package	1
38-610	Forced Air Cooler	1*
	additionally required: 1 PC with Windows 7/8/10	

* additionally recommended

Cascaded Loop with Remote Control

The combined PROCON Level, Flow & Temperature Process Control System is self-contained and has all of the features of the individual Level & Flow and Temperature systems plus remote set-point control. Remote set-point control can be affected with the PROCON Level, Flow & Temperature Process Control System by using two process controllers. The 4-20mA analogue remote set-point input allows various forms of cascade control to be implemented between linked or interactive control loops. The process set-point can be local and remote or dual, selected from the front panel, or in response to a logic input. When dual set-point is selected the function can be ratio or bias action. A Programmable Logic Controller (PLC) 38-350 is also available separately. It can be used with the Process Interface 38-200 to provide an alternative control method with on/off elements to the standard Process Controller 38-300 (included).

Topics

- Flow & level familiarisation & calibration
- Temperature familiarisation & calibration
- Interface familiarisation & calibration
- Controller familiarisation & calibration
- Float level transmitter
- Pulse flow transmitter
- etc.

Experiments are operated and evaluated with ESPIAL.
The equipment can require additional software modules.