

Call our friendly team on +44 (0)1243 558270

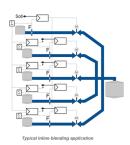
Tempcon Instrumentation Ford Lane Business Park Ford West Sussex BN18 0UZ, UK www.tempcon.co.uk



#### PMA KS 98-2 Multi-function Controller

#### **Product Images**





#### **Short Description**

KS 98-2 Multi-function Controller combines PID control, process monitoring, sequence control, data logging and alarms. As a complete solution in a single unit, the KS 98-2 multi-function instrument helps to reduce programming, installation cost and control cabinet space.

#### **Description**

The PMA KS 98-2 multi-function instrument combines PID control, process monitoring, sequence control, data logging and alarms.

As a complete solution in a single unit, the KS 98-2 helps to reduce programming, installation cost and control cabinet space. KS 98-2 offers comprehensive modular input and output options to adapt the unit to the application needs.

### **Process Automation Made Easy**

**Hardware flexibility** - fully adaptable with up to 12 internal I/O-modules

**Easy creation of applications for simple and complex tasks** - function blocks from an extensive library can be used to build an application by easily selecting and connecting the blocks graphically using the "ET/KS98"-utility

**Programmable functionality** - reliable sophisticated control strategies proven in many applications available from the function block library

# **Key Features and Benefits of KS98-2**

Modular automation system in a 1/4-DIN (96 x 96mm) format

Measure, control, calculate, and record

Process visualisation, operation, alarm and alerts

Comprehensive application-oriented functionality

Graphical programming utility with simulator

3.5 " colour touch-screen display

USB interface on front fascia

Expandable with modular inputs and outputs

Ethernet and common fieldbuses



## **KS98-2 Applications**

Typical applications include multi loop control, sophisticated process control, profile control, complete automation of small applications, and inline blending (see Inline Blending application story under the Resources tab).

## **Additional Information**

Brand	West
Display Colour	Customisable appearance: Splash screen • Customer logo • Multiple colour sets with - foreground colours - background colours - colours of important values
Display Digits	Graphic / Text
Input Type	Universal analogue input and 2 digital inputs. Modular expandable for various types of input signals (TC, RTD, mA, mV/V, 2-wire transmitters, zirconia probes, 24V logic). (Unit can support up to 12 dual channel I/O extension modules)
Typical applications	Food Processing, Manufacturing

## **Additional Options**

Base Models & Inputs [A]	[0]Universal Input with TPS, 2 digital Inputs, 2 option module slots with Fast-On Terminals		
	[1]Universal Input with TPS, 2 digital Inputs, 2 option module slots. With Screw Terminals		
Power Supply & Outputs [P]	[0] 90250V (2 Relays, 2 option module slots)		
	[1]24V UC (2 Relays, 2 Options slots)		
	[3]90250V (4 Relays)		
	[4]24V UC (4 Relays)		
Communication Options [D]	[0]none / for stand-alone applications		
	[1]Standard Interfaces (Ethernet/USB) and CAN for Remote I/O		
	[2]Standard Interfaces plus RS485 / Modbus		
	[3]Standard Interfaces plus Profibus		
	[4]Standard Interfaces plus Profinet		
Omtions	[0]None		
Options	[o]None		
Options	[1]Datalogger (incl. Battery and SD-card)		
I/O Extensions [B]			
	[1]Datalogger (incl. Battery and SD-card)		
	[1]Datalogger (incl. Battery and SD-card) [0]Not Fitted		
	[1]Datalogger (incl. Battery and SD-card) [0]Not Fitted [1]Digital-I/O Extension (10 DI, 4DO)		
I/O Extensions [B]	[1]Datalogger (incl. Battery and SD-card)  [0]Not Fitted  [1]Digital-I/O Extension (10 DI, 4DO)  [2]Modular Extension (4 option module slots)		
I/O Extensions [B]	[1]Datalogger (incl. Battery and SD-card)  [0]Not Fitted  [1]Digital-I/O Extension (10 DI, 4DO)  [2]Modular Extension (4 option module slots)  [0]Not Fitted		
I/O Extensions [B]	[1]Datalogger (incl. Battery and SD-card)  [0]Not Fitted  [1]Digital-I/O Extension (10 DI, 4DO)  [2]Modular Extension (4 option module slots)  [0]Not Fitted  [1]Digital-I/O Extension (10 DI, 4DO)		
I/O Extensions [B]  I/O Extensions [C]	[1]Datalogger (incl. Battery and SD-card)  [0]Not Fitted  [1]Digital-I/O Extension (10 DI, 4DO)  [2]Modular Extension (4 option module slots)  [0]Not Fitted  [1]Digital-I/O Extension (10 DI, 4DO)  [2]Modular Extension (4 option module slots)		
I/O Extensions [B]  I/O Extensions [C]	[1]Datalogger (incl. Battery and SD-card)  [0]Not Fitted  [1]Digital-I/O Extension (10 DI, 4DO)  [2]Modular Extension (4 option module slots)  [0]Not Fitted  [1]Digital-I/O Extension (10 DI, 4DO)  [2]Modular Extension (4 option module slots)  [0]Default settings; No option modules installed  [1]Default settings; Option modules according to additional order line		
I/O Extensions [B]  I/O Extensions [C]	[1]Datalogger (incl. Battery and SD-card)  [0]Not Fitted  [1]Digital-I/O Extension (10 DI, 4DO)  [2]Modular Extension (4 option module slots)  [0]Not Fitted  [1]Digital-I/O Extension (10 DI, 4DO)  [2]Modular Extension (4 option module slots)  [0]Default settings; No option modules installed  [1]Default settings; Option modules according to additional order line installed (A98-F-x-x-x)		

_		• .		
	rtif	IC 21		n
		ıvaı	LIU	

[0]Standard (CE certified)

[U]UL / cUL certified