

Clear perspectives

with KS 108 and BlueDesign®



Close the loop with PMA

PMA

Get your colleagues **involved!**

Together with your expert colleagues, the new **model driven** graphical Engineering Tool **BlueDesign®** enables you to solve your task – transparently, efficiently, quickly, and reliably.

Encourage creativity – and achieve your goal even faster!
Complete more projects in the same time!



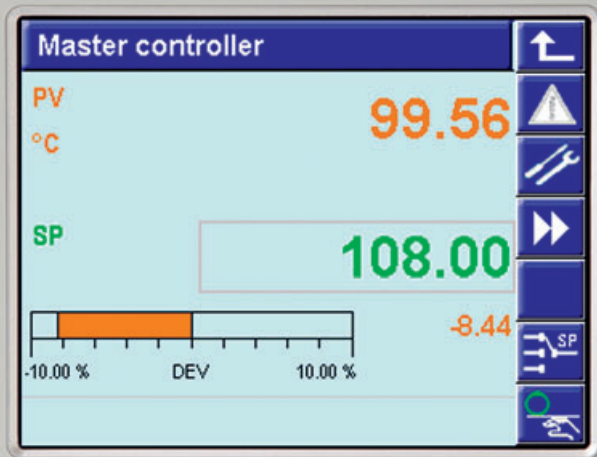


BlueDesign® – New graphical Engineering Tool for **KS 108 easy** – the compact automation unit

You have complex control tasks to solve, which also require integrated PLC functions? Visualization is to be individual, clear, and in color? You have **no programming experience with IEC 61131-3**? In the past, you had to configure and connect numerous different devices?

In case you are searching for a more modern, but simpler and yet reliable solution, we have the answer:
KS 108 easy.

KS 108 advanced

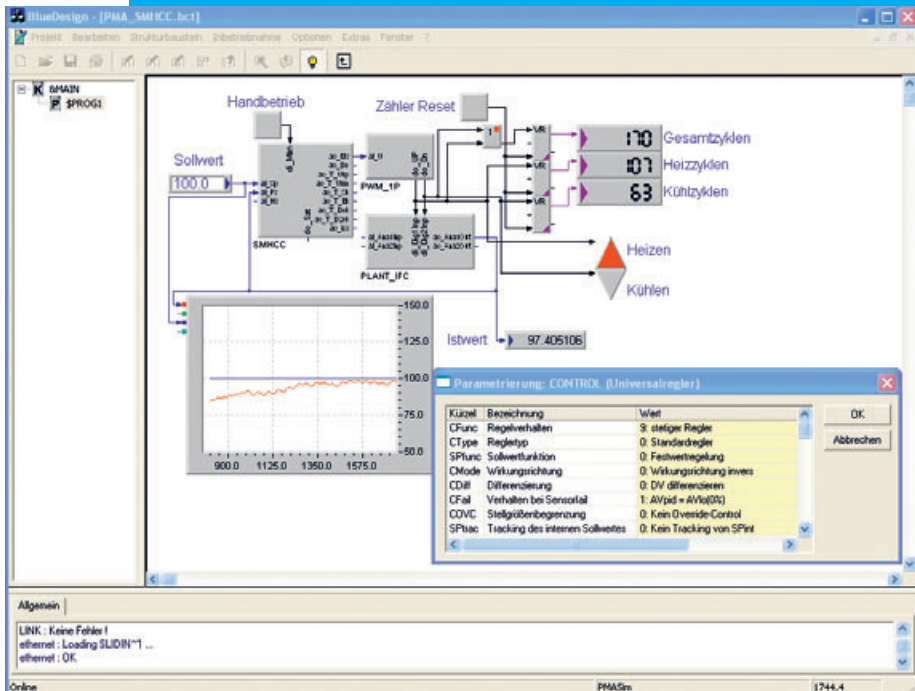


●
On



And this is what the new **graphical tool** is all about:

For several years, our established multi-function unit KS 98-1 and the ET 98 software package have been providing flexible solutions. Now, with the new **KS 108 easy**, we have taken a further step that will make life easier for you from the start. Your first ideas are documented by the new graphical Engineering Tool **BlueDesign®**. Cooperation with colleagues and experts from other departments – production planning, process technology, commissioning, sales, etc. – will be simplified. The key word is: Graphical Engineering based on the latest methods – **model-driven** software development.



We provide a simple tool with which you will feel familiar and comfortable with the shortest time: A comprehensive **function library in the form of block diagrams**. From which you combine established and repeated functions yourself – simply position them on your worksheet, and **'connect' them with a mouse click** according to their function. In this way, your know-how is stored in the form of “graphical macros”. Standard text editors are used to process the lists of variables, which you can export and import quite simply. Interlinked or cascaded control loops, complex limit control tasks, and **demanding applications** are no longer seen as “nightmares” during projecting and commissioning.

What do the standard operating displays look like? How is the on-board HMI editor used to generate individual plant and process graphics? How do you give the KS 108 a **user interface** that is familiar to operators and presents accustomed displays – in different languages?

The enclosed CD gives all the answers.

View 1.4 - [Projekt: K100M-ABSTIMMEN] - [SIMATIC]

Projekt bearbeiten | Startfunktionen | Zuerst einrichten | Optionen | Drucken | Deaktivieren

Projekt | [Einfügen]

Objektbaum:

- Objektbaum
- Programmbausteine
 - CONTROLLER
 - HSE
 - PROCESS
 - Hardwarebausteine

Wahlgrundsätze:

- Value SP3
- Value SP2
- Value SP1
- Value PV3
- Value PV2
- Value PV1
- Value PV
- Text 'C' (analog)
- Text 'C' (digital)
- Text SP
- Button Case 3
- Button Case 2
- Button Case 1
- Button Menu
- Manuelle
- ÜberM

Übersicht:

Name: Value PV1

Typ: Analogwert

x: 14 Skala: 50

y: 20 Höhe: 20

Wählen Einstellungen...

Schieber nach dem Start

Buttons: Case 1, Case 2, Case 3

SP: %S1, %S1, %S1 °C

PV: %S1, %S1, %S1 °C

OK | Abbrechen

ON | ON | ON

Reparatur: Text SP, Value SP, Value SP2, Text 'C' (analog), Text 'C' (digital)

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Algorithmen

Programm bearbeiten

A survey of the **KS 108 family**

For the first time, the KS 108 enables PMA to offer a choice between **two engineering approaches** when defining the functionality of compact process controllers:

With the **KS 108 flexible**, users are given a state-of-the-art device that is based on standardized international Engineering Tools: PLC programs are created with CoDeSys (in accordance with IEC 6-1131-3), whereby PMA's controller modules are integrated in the form of ready-to-use function blocks. The same commercially available tool is used to create the visualization and operating functions.



The **new** approach

With the **KS 108 easy** the graphical tool **BlueDesign®**, users are provided with completely new possibilities for engineering new automation tasks. For the first time, **“model-driven software engineering”** concepts can be introduced for compact industrial devices. This permits **“non-programmers”** to implement complex automation tasks without difficulties. At a level that enables all involved persons to create reliable, cost-effective and fully documented solutions in the shortest time – from the initial concept up to commissioning.

KS 108 advanced



Master controller

PV

°C

99.56

SP

108.00



On

On

Close the loop with PMA!

In this way, PMA opens up new possibilities that enable you to combine your in-house application **expertise** with PMA's powerful control strategies and equipment to provide **solutions** – without any compromises.

The result: An essential prerequisite for expanding your competence and maintaining a **competitive edge** in global markets.



Does that sound **interesting?**

Would you like some additional information, expert consultation, individual training, or schedules of trade fairs?

If so, simply contact us!



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