



Your partner for high-tech development.



Konzept
Informationssysteme



Modular Input Output System

Automation & testing without programming





No programming skills needed

Use drag-and-drop to design processes.

Intuitive GUI

Visual process control without code

Power Stage on-Board

No additional modules required

Wide Voltage range

For flexible application scenarios

Simple voltage supply

No special power supply unit required

USB-C connection

For supply, configuration and data exchange.

Easy installation

Top-hat rail module or Installation in PCB holder.

Quick, error-free cabling

Automatic PIN assignment,
including an assignment table.

Numerous logging and function modes

Live and headless modes
with logging to NVM and the
terminal.

Simple integration into existing systems

Open interfaces for vTest,
SonarCube, TestStand and
many more.

Further functions

- Anti-brick functionality
- SIL-ready

Examples from the application:



Prototyping & Proof of Concept

Quick
commissioning
with no need for
extensive training.



Testing & Monitoring

Reliable data
logging and real-
time analysis



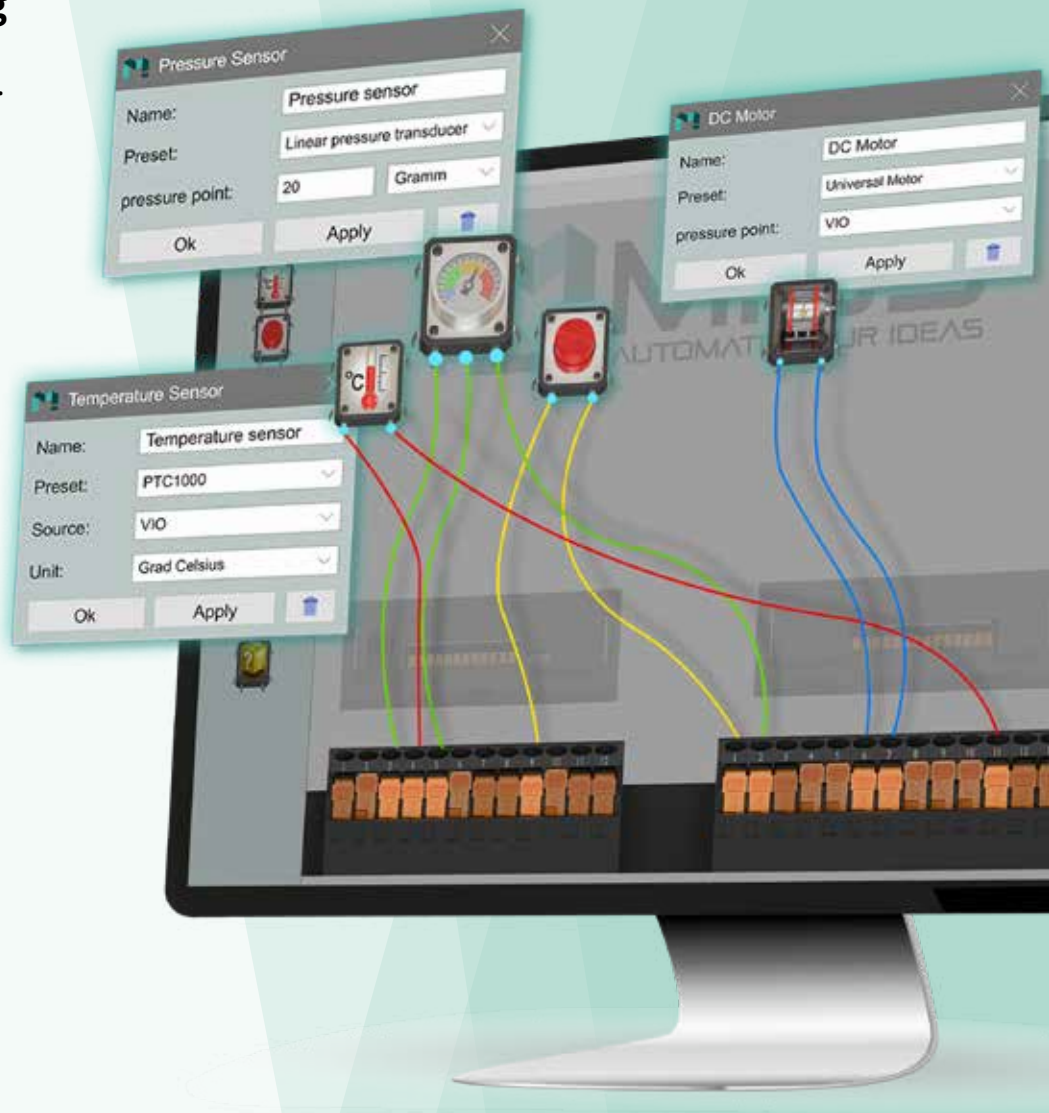
Automated processes

Headless or live
operation for CI/CD
processes



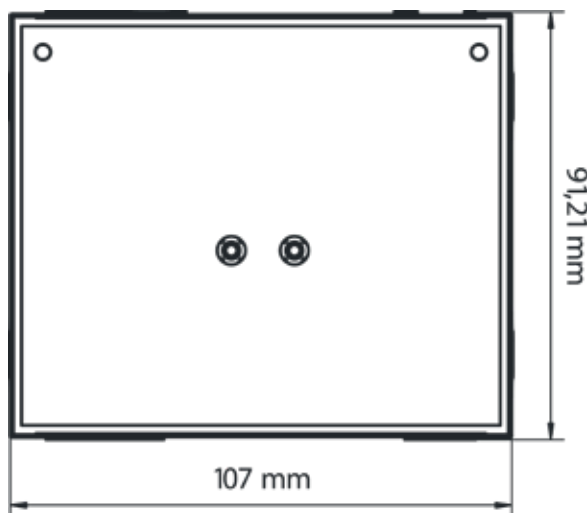
For industry & laboratory

Compact design for
tight spaces



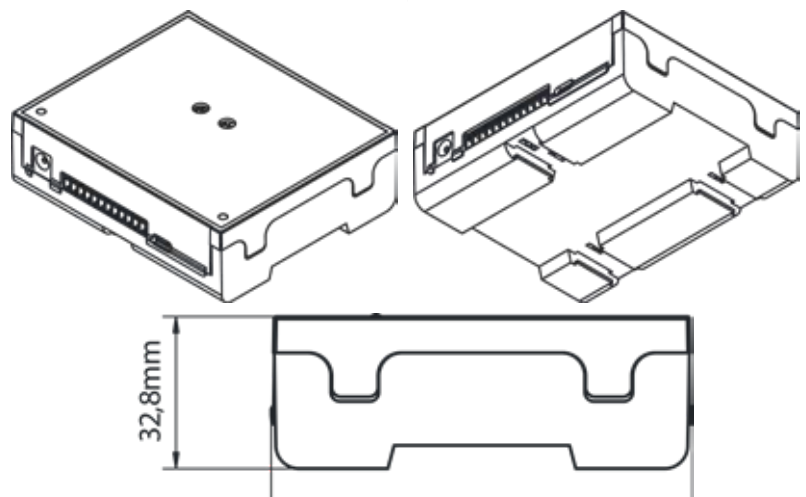
Supported sensors and actuators

Temperature sensors	
• PTC1000	• PT2000
• NTC	
Pressure sensors	
• Linear pressure transducer	• DMS
Rotary control / trimmer / potentiometer	
• 3 pins	• 2 pins
Proximity switch	
• NPN	• Reed contact
• PNP	
Voltmeter	
• DC	
Counter / Encoder	
• 2-phase encoder	• 1-phase encoder
DC motors	
• Universal Motor	• Brushless Motor
• Stepper Motor	
Switching In- / Output	
• push button	• LED & Light
• Relais	• valve
Customizable In - / Outputs	
• yes	



Technische Daten

Properties	
Operating temperature	- 20...80 °C
Dimensions	Euro half board
Fastening	• Top-hat rail module • Installation in PCB holder • Cable assignment without tools thanks to PushX technology
Connections	
Electrical connection	USB-C
External 5-60 V voltage source	Yes (with 12V barrel connector)
Switching current / switching capacity	5 A
Operating voltage	3 ... 60 V
Output voltage	3,3 V and 5 V
Half Bridge Output	0...60 V
Interfaces	
Digital signal processing	4x Low Range Multi-Purpose Input Output
Analogue signal processing	4x High Range MPIs
Outputs	4x bistable half bridge
CAN protocol	2.0 A/B
Serial interface	RS232 / UART
Software	
Operating system	Windows 10 / 11 from Linux Ubuntu 10



Do you have any questions? Contact us now!



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