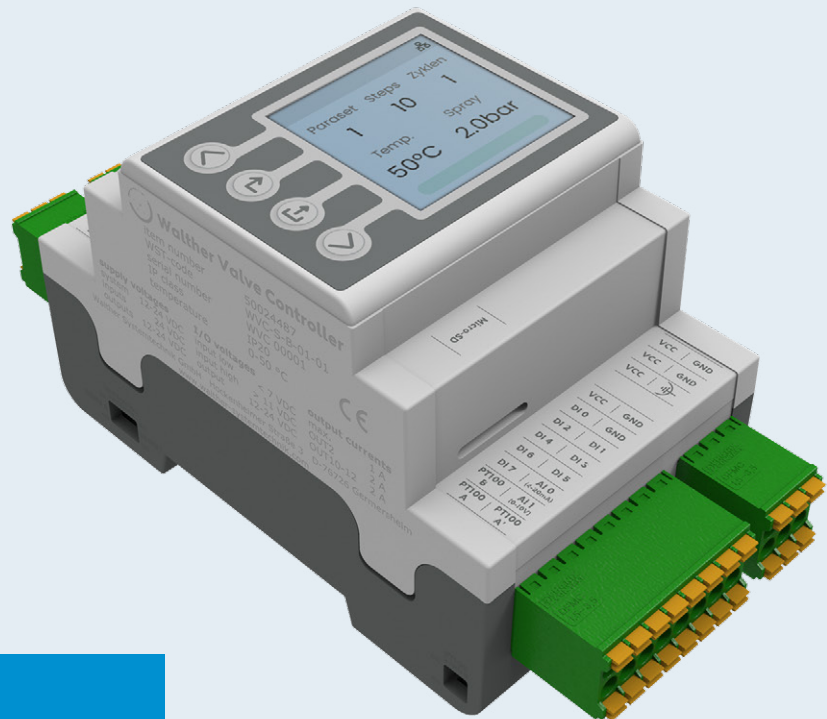


Available as

Basic
Advanced
Professional



WVC Valve Controller

The modern compact solution for controlling and monitoring spray, pulse, and dosing valves.

WVC

Highlights / Benefit

- Compatible with most conventional valves; also those outside the Walther product portfolio
- Cost and time saving integration without additional control technology, software or programming and easy start-of-operation and direct control via web interface
- Reduction of rejects and increase of process quality by continuous process monitoring

Controlling, analyzing & optimizing your application processes has never been easier

Smartly combines the controlling and monitoring of your valves: WVC.

The Walther Valve Controller (WVC) is a compact control unit for spray, pulse, and dispensing valves, combining precise control with comprehensive process monitoring. It offers flexible adjustment of relevant process parameters, enabling dosing processes with high repeatability. Pre-configured settings are available for each application type – pulsing, spraying, and dispensing – facilitating quick commissioning. Parameters such as valve opening and closing times can be individually adjusted to ensure optimal alignment with the respective process. A wide range of freely configurable connections allows the integration of sensors, including temperature and pressure sensors, stroke monitoring, and flow meters, as well as actuators such as directional valves, eliminating the need for additional control units. The integrated process monitoring function analyses and records all relevant parameters in real time, enabling immediate detection of process deviations, which can be transmitted via configurable alerts. This contributes to improved product quality, process reliability, and overall equipment effectiveness (OEE). The password-protected web dashboard allows user-friendly parameter configuration and remote monitoring via PC, tablet, or smartphone. Its graphical interface provides clear process visualisation, while key parameters can be directly adjusted via the device's HMI – without requiring expert knowledge or programming skills. With extensive communication interfaces such as freely configurable digital I/Os or Modbus TCP, the WVC can be seamlessly integrated into existing control systems. Thanks to its compact design and versatile connectivity options, it is ideally suited for modern Industry 4.0 environments. The WVC is available in three expansion levels, offering different performance ranges and functionalities to meet various user requirements.

Follow the
QR-Code for
additional
product info



Technical Data

Dimensions (L x W x H)
122 x 53 x 58 [mm]

Weight
160 [g]

Operating voltage
24 [VDC]

Temperature range
10 to 50 [°C]

Interfaces

- Supply voltage
- 8 x Digital Input 24 [VDC]
- 1 x Analog Input 4...20 [mA]
- 1 x Analog Input 0...10 [VDC]
- 1 x PT 100 Input
- 8+3 x Digital Output 24 [VDC]
- 1 x Analog Output 4...20 [mA]
- 1 x Ethernet
(Modbus TCP & TCP/IP)

IP class
IP20

Optional / Accessories

