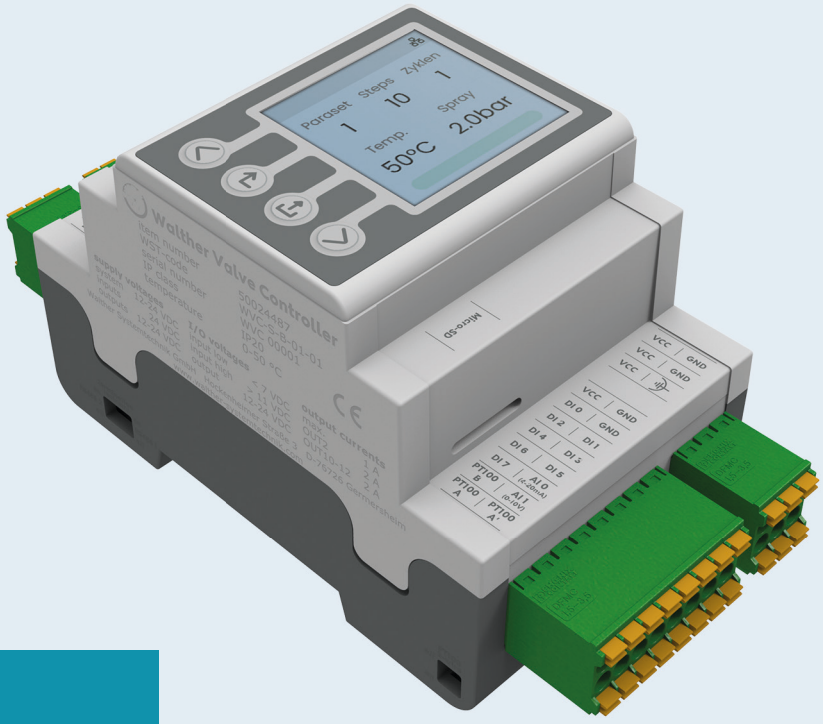
WALTHER
SYSTEMTECHNIK

Available as

Basic
Advanced



WVC
Valve Controller

The modern compact solution for controlling and checking 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.

One for all! The Walther Valve Controller makes things easier: Not only is the WVC the control center for the full range of electric and electro-pneumatically controlled spray, pulse and dosing valves of the Walther Systemtechnik GmbH as well as many conventional valves, it can also evaluate peripheric devices such as add-on sensors or actors. Whether valve control, temperature control, spray air control, evaluation of valve needle stroke and light barrier or pressure-sensitive limit value monitoring: the WVC is a smart combination of multiple options for a professional controlling and process monitoring of application processes. Various integration options via Bus system, DIO's or online dashboard offer highest flexibility and user friendliness and allow users a low-cost and intuitive access to the Industry-4.0 subject. Start-of-operation and parametering will be done via direct access through a web interface with your computer, tablet or smartphone. You can also use the integrated HMI for adjusting the parameters and displaying the current process values. Additional features such as process monitoring and checking, including a Teach function round off the extensive characteristics of the Walther Valve Controller, and can be upgraded individually. The WVC represents a new type of controlling and process monitoring for application processes and will help you to make these easier, more comfortable and safer.

Features depending on model/type

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

Add-On
MODBUS TCP

Add-On
Multi-parameter sets

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