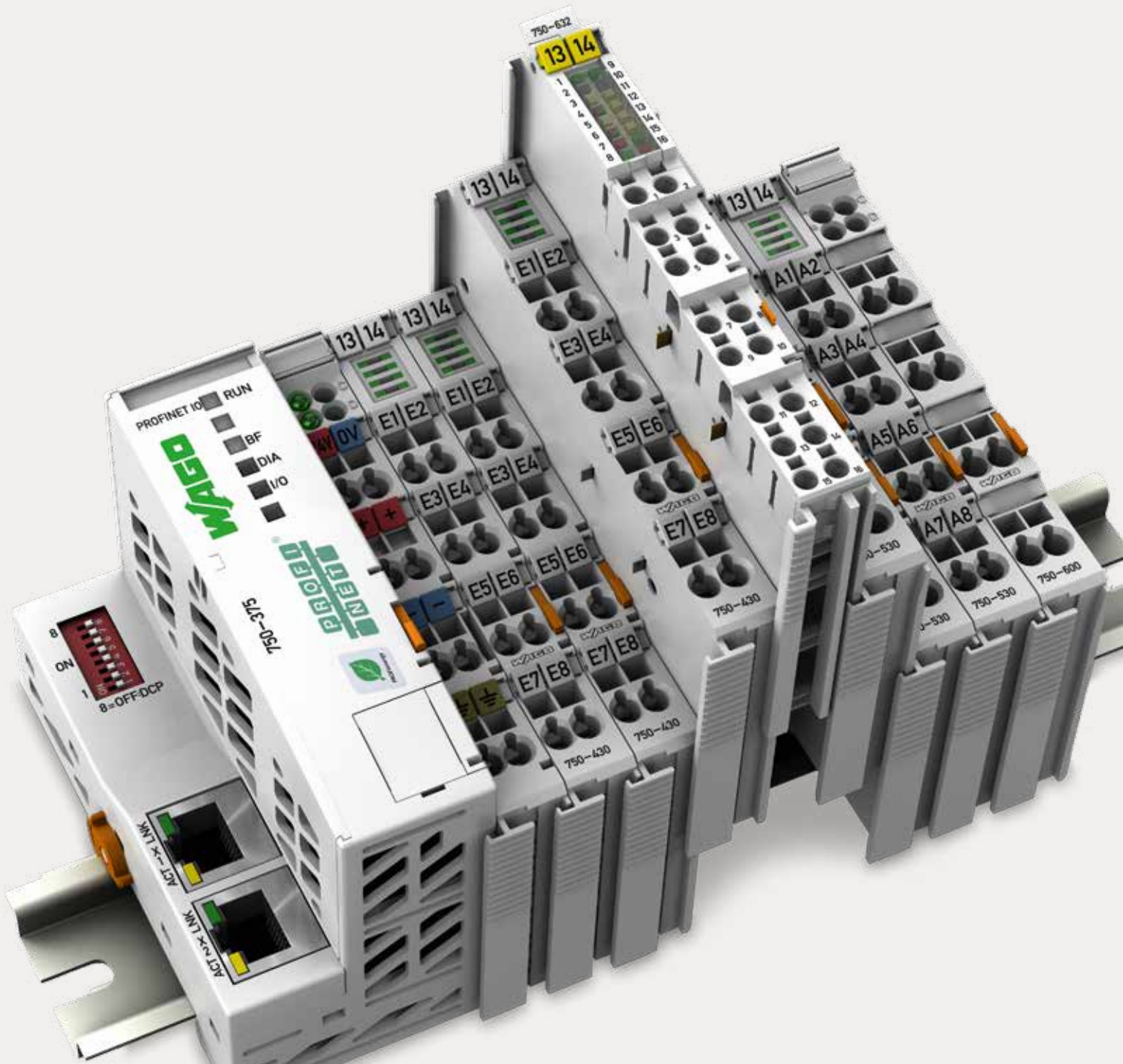


WAGO-I/O-SYSTEM 750

Proportional Valve Module



PROPORTIONAL VALVE MODULE

Powerful and Adaptable!

The 750-632 Proportional Valve Module from the WAGO-I/O-SYSTEM 750 easily controls up to two proportional valves.

The module operates two single-coil valves with up to 24 V/1.6 A, or one valve with up to 24 V/2 A. The module features two current-controlled PWM* outputs with switchable dithering. Additionally, both unipolar and bipolar valve control are possible. The single-channel operating mode also enables the use of dual-coil valves.

Adjustments can be made for different valves via the following functions: zero offset, dual gain compensation, range limitation or linearization. The scaled target value setting with parameterizable rising and falling ramps permits easy and fast control program adjustment.

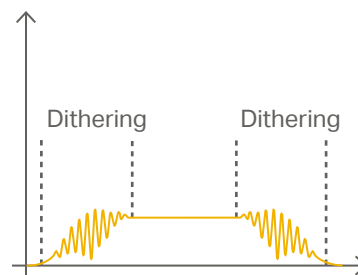
Two configurable digital inputs are also available, e.g. for linking threshold values, start/stop functions or other uses. Easily adjust start-up and valve parameters with WAGO-I/O-CHECK software or the controller.

*PWM = Pulse width modulation

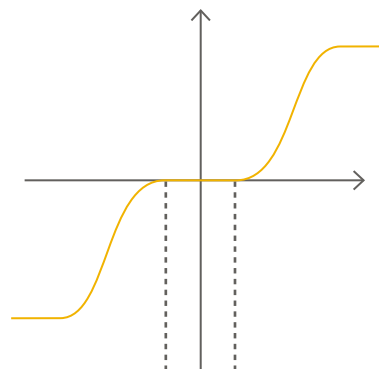
Advantages:

- Flexible and simple valve control
- Precise current control
- Easy scaling and valve adjustment
- User-friendly configuration and parameterization using WAGO-I/O-CHECK

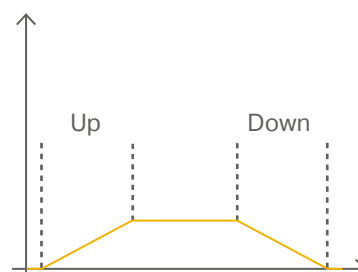
Dithering

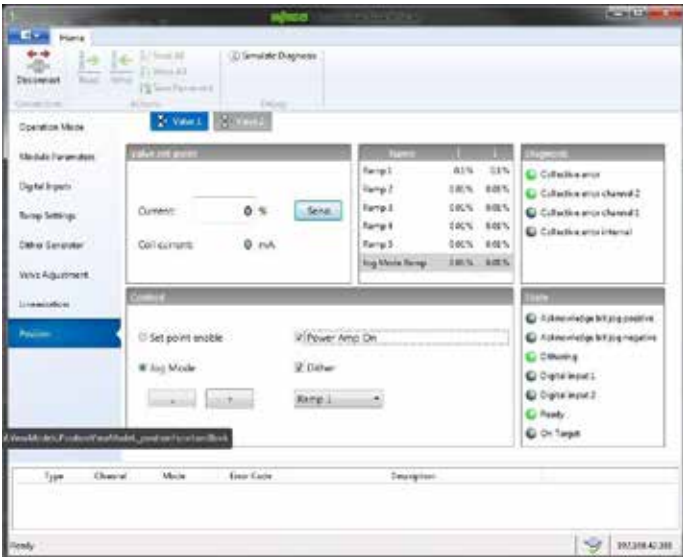


Valve Adjustment



Setpoint Ramps





WAGO-IO-CHECK: Displays an operating valve

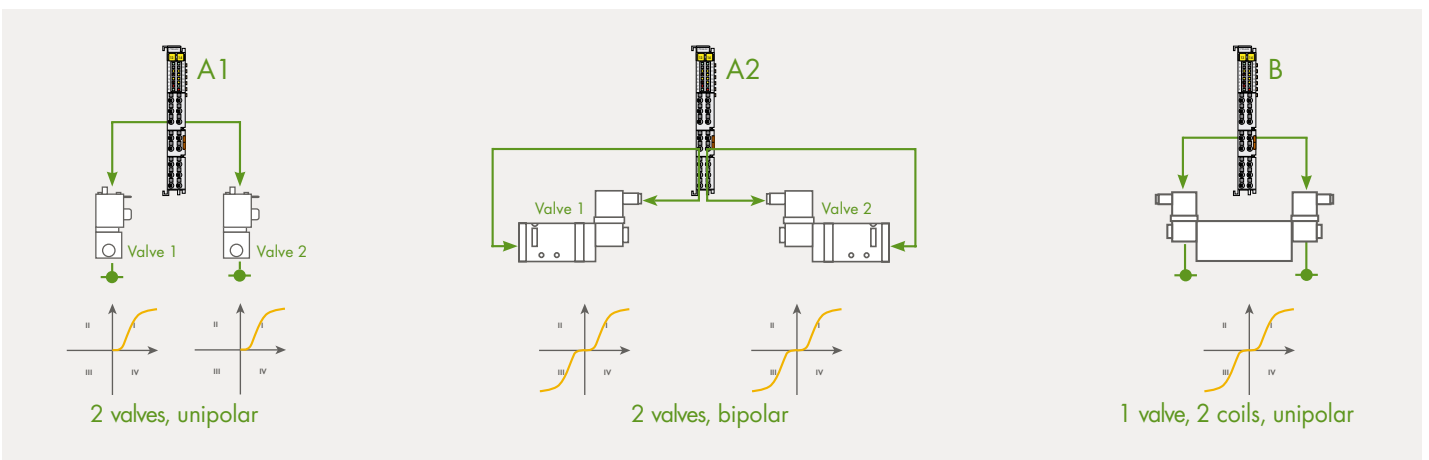


750-632

Module Features:

- Proportional control of hydraulic or pneumatic valves
- Two current-controlled PWM outputs
- Two operating modes
 - 2 channels with 1.6 A
 - 1 channel with 2.0 A
- Two additional digital function inputs
- Switchable dithering
- Adjustable setpoint ramps
- Valve adjustment:
 - Dual gain compensation
 - Scaling
 - Linearization
- Approvals:
 - Conformity marking CE
 - UL 508
 - ANSI/ISA 12.12.01
 - Shipbuilding (GL)

Operating Modes:



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