

Datasheet

PWM VALVE
Art. 1632.03122/58100



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Description

The PWM Valve can be driven thanks to a single and easy On/Off actuator output.

By using Pulse Width Modulation, intermediate values can also be reached.

This easy technology requires no power supply of its own. There is therefore no stand-by consumption, when the valve is not driven.

Costs are thus saved during both installation and operation.

PWM valves can for example be controlled by our KNX FANCOIL actuator.

Properties

- Easy to fit onto the valve
- Fitted to valve via M30x1.5 thread with automatic adaptation
- Pushing force up to 125N
- With 24V AC/DC thermal expansion element
- Large, tangible and visible position indicator
- NC version „normally closed“
- Version with manual adjuster
- Silent and maintenance-free
- With modular plug for electrical connection (various cable lengths and cable types)
- Modern design

Technical Data

Housing		
	Material	High-quality, self-extinguishing plastic
	Colour	Pure White (RAL 9010) High-gloss finish (FV-0 acc. to EN 60707 & V-0 acc. to UL94)
Connection to valve		With plastic bayonet connection
	Bayonet nuts for connection to popular valves	With threads M30x1.5 (black) M28x1.5 (grey) M30x1.0 (white)
Power cable		
	Colour	White
	Length	Standard length 2m, H03VV
	Material	PVC or halogen-free
	Diameter	Ø 0.5mm ²
Run time		„warm-up“ for 4.5mm stroke at 21°C: min. 4.5 min (24V)
Mounting		Any installation position, including upside-down
Electrical supply		
	Power supply	24V~/= ±20% 50...60Hz
	Power consumption during operation	2W
	Activation power	5W / 5VA
	Activation current	250mA

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Version	
max. operating temperature	100°C (at valve)
Closing force in closing-dimension range	108...122N ± 5N
Permitted ambient conditions	
Operating temperature	0...50°C
Storage and transport temperature	-25...70°C
Humidity	<85% rF no condensation
Standards, directives	
Protection type	IP54 (EN 60730-1, -2, -14)
Protection class 24V	III (EN 60730-1)
CE-conformity according to: Electrical security 2006/95/EG	EN 60730-1, -2, -14 EN 60335-1