

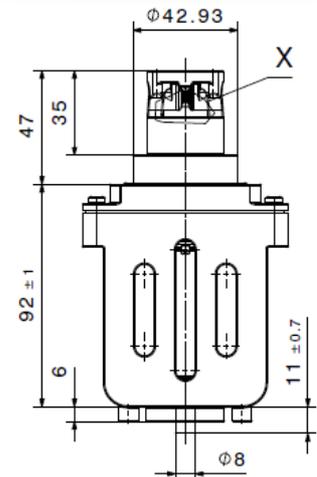
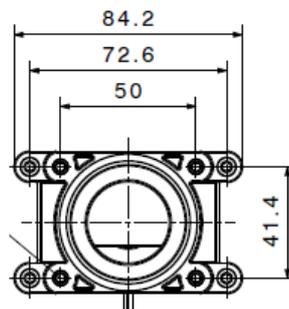
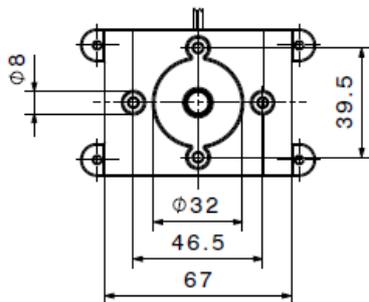
NEW: Power Pinch Valve (PPV)

The new Power Pinch Valve (PPV) from Kendrion impresses with its unique valve design, which offers numerous new application possibilities. With the high clamping force of 42N, the direct acting solenoid pinch valve 2/2 way is ideally suited for PVC and silicone tubes with an outside diameter of up to 7mm. The area of application of the pinch valve extends from medical technology and laboratory systems to the beverage industry and agriculture, for example watering systems.

The valve assembly based on a single-stroke linear solenoid ensures secure clamping with precisely coordinated magnetic and spring force. The tube can be clamped either by magnetic force (normally open) or spring-loaded (normally closed). For increased safety requirements, an electronic control for condition monitoring or flow detection can be integrated.

Advantages at a glance

- High clamping force of approx. 42N.
- Universally applicable for various tube materials (PVC and silicone).
- Suitable for tubes with outer diameter of 4 - 7mm.
- Chemical resistance depends on the tube material.
- No dead spots as with conventional valve bodies
- Flow in both direction possible.
- Medium completely separated from valve parts



Technical data ¹	Power Pinch Valve (PPV)
Dimension (Length x Width x Height)	84 mm x 53 mm x 146 mm
Function	Normally Open (NO) / Normally Closed (NC) selectable
Nominal voltage	24 VDC
Power consumption, Duty cycle	18 W, 100% ED
Clamping force	42 N
Medium	Depending on tube
Medium temperature	Max. 90°C (depending on tube)
Ambient temperature	5°C – 40°C
Operating pressure	0 – 2 bar (depending on tube)
Tube	Outer diameter 4 – 7 mm; thickness 1 – 1,5 mm; PVC and Silicone

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