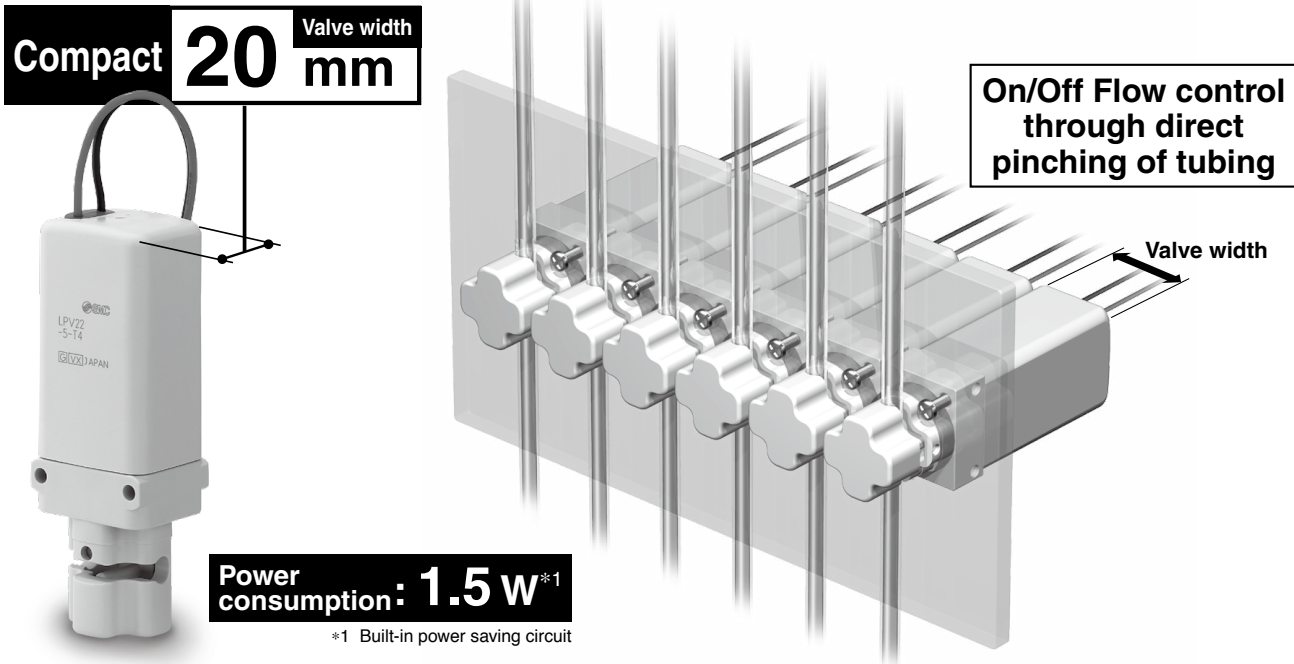


# Pinch Valve

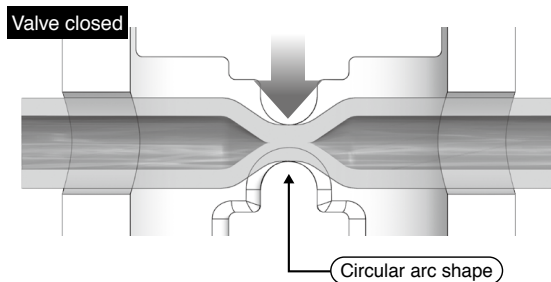


The fluid does not come into contact with the moving parts of the valve, so there is no inflow of contaminants. By discarding a tube after use, the need for a washing process is eliminated, thus ensuring good hygiene.



## Improved tubing life

Less damage to the tube due to an arc shape of the tube clamp



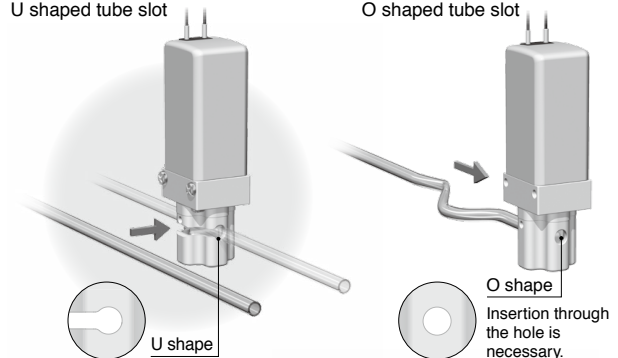
## Easy tubing replacement

**New**

U shaped tube slot

**Existing model**

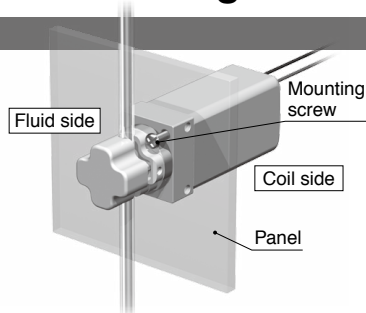
O shaped tube slot



## 2 patterns of mounting

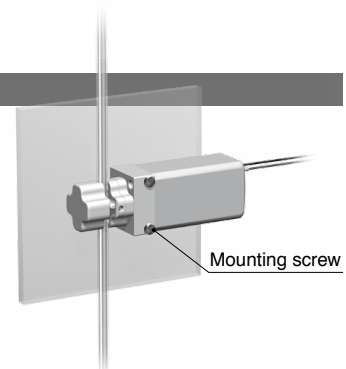
### Panel mounting

Electrical faults due to scattering of liquid prevented by panels between the flow and coil sides



### Direct mounting

Can be mounted from the front



# LPV22-X1



NC421A (19-E741)

# LPV22-X1



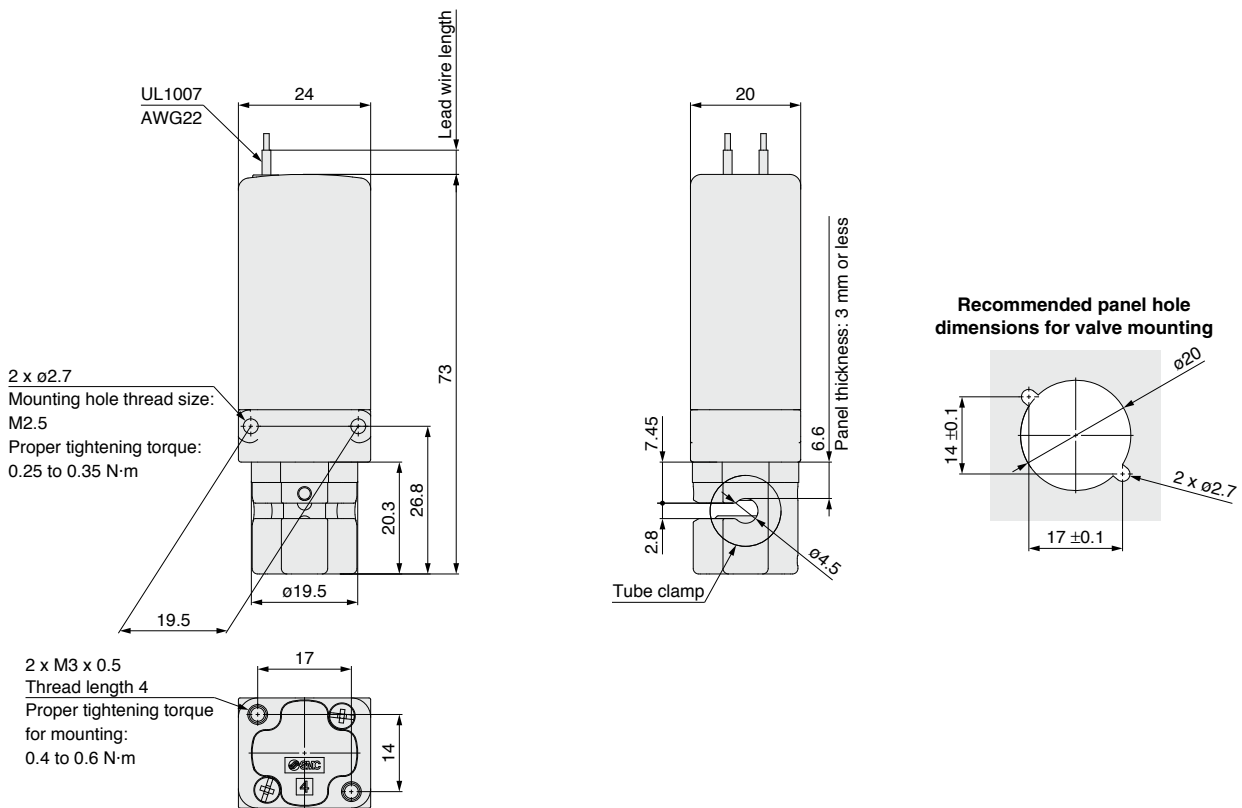
## Specifications

<b>Applicable tubing*</b>	Silicone O.D.: $\phi 4$ I.D.: $\phi 2$ O.D.: $\phi 5/32$ I.D.: $\phi 1/32$
<b>Type of actuation</b>	Direct operated solenoid
<b>Valve type</b>	N.O.
<b>Rated voltage</b>	24/12 VDC
<b>Allowable voltage fluctuation</b>	$\pm 10\%$ of the rated voltage
<b>Power consumption</b>	Starting: 8 W Holding: 1.5 W [Built-in power saving circuit]
<b>Ambient temperature</b>	0 to 50°C
<b>Operating pressure</b>	0 to 0.2 MPa
<b>Impact/Vibration resistance m/s<sup>2</sup></b>	150/30
<b>Enclosure</b>	IP40 equivalent

\*1 Silicone tubing should be provided by the customer.

\*2 Impact resistance: No malfunction occurred when it is tested in the axial direction and at the right angles to the armature in both energized and de-energized states every once for each condition. (Value in the initial state)  
Vibration resistance: No malfunction occurred in one sweep test between 45 and 2000 Hz in the axial direction and at the right angles to the main valve and armature in both energized and de-energized states for each condition. (Value in the initial state)

## Dimensions



**⚠ Safety Instructions** Be sure to read the "Handling Precautions for SMC Products" (M-E03-3) and "Operation Manual" before use.



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