

# TAKASAGO MODEL PK PINCH VALVES

*Solenoid Operated, Two Way Configuration*

## DESCRIPTION

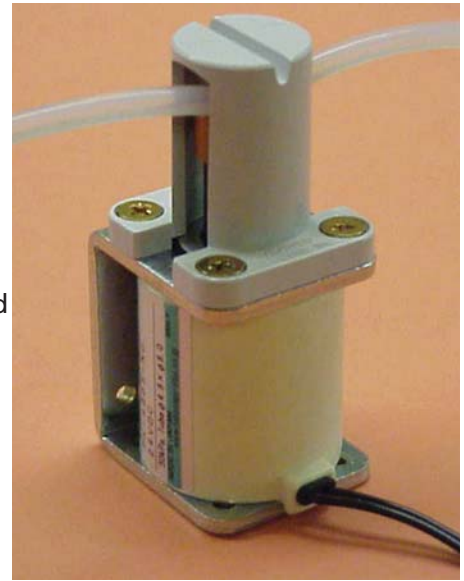
Model PK pinch valves are rugged pinch valves for use with 1.6, 3.2, 4.8 and 6.4 mm I.D. Silicone tubing. The valves are particularly well suited for on/off fluid control applications where the fluid media is difficult for conventional valves to handle or where the complete fluid system wetted components need periodic replacement.

Model PK valves retain the tubing in a closed cradle.

## SPECIFICATIONS

### GENERAL

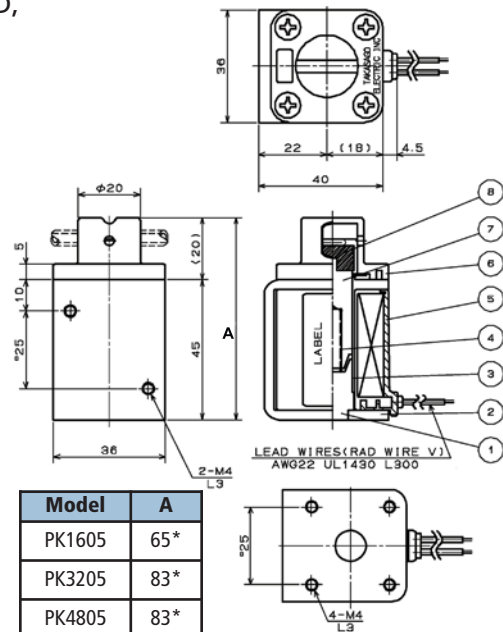
- Rated Voltage- 12Vdc or 24Vdc
- Min. Operating Voltage- 90% of rated voltage
- Drop Out Voltage- 10% of rated voltage
- Power Consumption- 10 Watts
- Coil Temp. Rise- Max 80°C from room temperature
- Coil Lead Wire- RAD Wire V, AWG 22, UL1430, L300 mm
- Tube Material- Silicone Rubber
- Tube Sizes- 1.6 mm ID x 4.8 mm OD, 3.2 mm ID x 6.4 mm OD, 4.8 mm ID x 8 mm OD and 6.4 mm ID x 9.6 mm OD
- Tube Holder- Modified PPO
- Pinching Head- Silicone Rubber
- Spring-SUS304WPB
- Seamless Pipe- SUS304
- Solenoid Housing- SPS (Syndiotactic Polystyrene) encapsulated
- Max Operating Pressure- 0.5 bar
- Weight-290 grams
- Insulation Class- Class B
- Insulation Resistance- 50 Mohm at 500 Vdc
- Dielectric Strength- 1500 Vac/1 minute



**PK PINCH VALVE**

## DIMENSIONS(MM)

### NORMALLY CLOSED TYPE PK



Model	A
PK1605	65*
PK3205	83*
PK4805	83*
PK6405	83*

\*Add 5.3 mm for NO

- 1) Pole Piece
- 2) Frame
- 3) Seamless Pipe
- 4) Spring
- 5) Coil Assembly
- 6) Tube Holder
- 7) Plunger
- 8) Pinching Head

## ORDERING INFORMATION

### ABCD

**EXAMPLE: PK1605NO12V**

A *Model	B Tube Size	C Configuration	D Voltage
PK=PK	1605=1.6 mm I.D. 3205= 3.2 mm I.D. 4805= 4.8 mm I.D. 6405= 6.4 mm I.D.	NC= Normally Closed NO= Normally Open	12V= 12VDC 24V= 24VDC
*Unit not supplied with tubing			