

TAKASAGO

MODEL PS PINCH VALVE

Solenoid Operated, Two Way and Three Way Configuration

DESCRIPTION

Model PS pinch valve offers excellent reliability in a compact, versatile design. Reasonable cost and consistent performance are accomplished through molding and automated assembly technology.

Model PS is available in three way (dual tube), two way normally open (single tube) or two way normally closed (single tube) configurations.

Tube changes are facilitated by a convenient push button manual solenoid override.

SPECIFICATIONS

GENERAL

Rated Voltage- 12Vdc or 24Vdc
 Min. Operating Voltage- 90% of rated voltage
 Drop Out Voltage- 10% of rated voltage
 Duty Cycle- Continuous
 Power Consumption- 3 Watts
 Ambient Temperature Range- 0-40°C
 Tube Material- Silicone Rubber, Pharmed®
 Tube Size- 0.8mm, 1.0 mm & 1.6 mm ID
 Tube Holder- Delrin®
 Pinching Head- PBT (Polybutylene Terephthalate)
 Max Operating Pressure- See Table
 Weight-89 grams
 Dielectric Strength- 1500 Vac/1 minute

*Delrin is a registered trademark of E. I. du Pont de Nemours and Company
 Pharmed is a registered trademark of Norton Company*

ORDERING INFORMATION

Model	Config.	Tubing	Tubing I.D.	Tubing O.D.	Operating Pressure
PS-0815NC(12V, 24V)	2-Way, N.C.	Silicone	0.8 mm	2.4 mm	1.5 bar (21.77 PSI)
PS-0815NO(12V, 24V)	2-Way, N.O.		0.8 mm	2.4 mm	
PS-0815W(12V, 24V)	3-Way		0.8 mm	2.4 mm	
PS-1010NO(12V, 24V)	2-Way, N.O.		1 mm	3 mm	1 bar (14.51 PSI)
PS-1015NC(12V, 24V)	2-Way, N.C.	Silicone Pharmed®	1 mm	3 mm	1.5 bar (21.77 PSI)
PS-1015NO(12V, 24V)	2-Way, N.O.		1 mm	3 mm	
PS-1015W(12V, 24V)	3-Way		1 mm	3 mm	
PS-1615NC(12V, 24V)	2-Way, N.C.	Silicone	1.6 mm	3.2 mm	1.5 bar (21.77 PSI)
PS-1615NO(12V, 24V)	2-Way, N.O.		1.6 mm	3.2 mm	
PS-1615W(12V, 24V)	3-Way		1.6 mm	3.2 mm	



DIMENSIONS(MM)

