

PINCH VALVES

2/2-way NC, 2/2-way NO, 2/2-way latching, 3/2-way, 3/2-way latching

Tubing inner diameter 0.8 - 2.0 mm (ID)

Tubing outer diameter 2.4 - 4.0 mm (OD)

PE Series



PS / PSK Series



PM / PMK Series



PL / PLK Series



SPECIFICATIONS

| | PE Series | PS / PSK Series | PM / PMK Series | PL / PLK Series |
|---------------------------|-----------------------------------|--------------------------|-------------------------------|--------------------------------------|
| Type | 2/2-way NC 2/2-way NO 3/2-way | | | 2/2-way latching 3/2-way latching |
| Tubing inner diameter | 0.8 mm | 0.8 - 2.0 mm | | |
| Tubing outer diameter | 2.4 mm | 2.4 - 4.0 mm | | |
| Rated voltage | 12 VDC 24 VDC | | | |
| Operating pressure | 0 - 1000 mbar | 0 - 1500 mbar | | |
| Tubing material | Silicone | Silicone Pharmed® | Silicone Pharmed® Tygon® | Silicone Pharmed® |
| Ambient temperature range | 0 - 40°C | 0 - 40°C | 0 - 50°C | 0 - 40°C |
| Power consumption | 2.8 W | 3.0 W | 4.4 W | 8.0 W (when switching) |
| Operating duration | 100% ED | | | 10% ED |
| Outer dimensions | 21.0 x 26.0 x 55.1 mm | 26.0 x 39.2 x 49.5 mm | 26.0 x 40.0 x 60.0 mm | 30.4 x 30.4 x 61.7 mm |

The pinch valves can be specially adapted to your tube in order to achieve an optimal closing force.

Customisable to specific requirements (e.g. higher pressure range, different operating mode, higher temperature range, different operating voltage, different port connections, ...)