



## NPV Long Stroke Pinch Valve



Clippard's high flow pinch valve provides the same functionality as the standard series but with the added benefits of a longer stroke. This makes it ideal for applications that require greater flow or those that utilize viscous or particulate-laden media. This series incorporates an integrated hit hold circuit board installed for lower power consumption, less heat and increased cycle life. As with all Clippard pinch valves, each valve comes pre-installed with 12" (30 cm) of your choice of standard medical/laboratory grade or sanitary food grade silicone tubing.

<b>2D File</b>	See Data Sheet
<b>Accuracy</b>	>99%
<b>Applications Form</b>	<a href="#">Applications Form</a>
<b>Connection</b>	13" (33 cm) Wire Leads
<b>Data Sheet</b>	<a href="#">Data Sheet</a> , <a href="#">Hit &amp; Hold Info</a>
<b>Documentation</b>	IEC, RoHs ( <a href="#">Download</a> )
<b>Function</b>	2-Way Normally-Closed
<b>Hit Time</b>	115 ±15 ms
<b>LED Indicators</b>	Power Status (green), Trigger Status (blue), Warning Status (red-indicates for >3.75A, >140°C, or short circuit), Feedback Status (yellow)
<b>Length</b>	4.570" (116.1 mm)
<b>Life Cycle</b>	±1,000,000
<b>Material, Body</b>	Stainless Steel and Aluminum (ENP)
<b>Material, Wetted</b>	Silicone Tubing (no wetted areas in valve)
<b>Max. Panel Thickness</b>	1/4" (6.4 mm)
<b>Medium</b>	Air, Water, Gas, or Compatible Fluids
<b>Mount</b>	Panel
<b>Operating Pressure</b>	0 to 20 psig (0 to 1.4 bar) with standard medical/laboratory grade silicone tubing
<b>Operating Temperature Range</b>	-20 to 158°F (-29 to 70°C)
<b>Product Line Brochure</b>	<a href="#">Isolation Valves</a>
<b>Response Time</b>	<50 ms
<b>Thread Depth</b>	#2-56 (max. 0.094")
<b>Trigger Input</b>	3.3 to 24 VDC, 10 mA @ 24 VDC
<b>Voltage</b>	24 VDC
<b>Voltage, Hold PWM Freq.</b>	Approximately 25 kHz
<b>Voltage, Trigger Input</b>	3.3 to 24 VDC
<b>Wattage</b>	72 Watts Hit, 8 Watts Hold after 115 ±15 ms

