

## 20VS14D Piezo Actuator Customized Pin Connection



### Features

- Pin connection
- External thread
- Waterproofing

20VS14D piezo actuator has special connection method. It is connected to the control end through two pins, and the lower end of the actuator has threads for threaded installation and fixation. In addition, its entire body is waterproof.

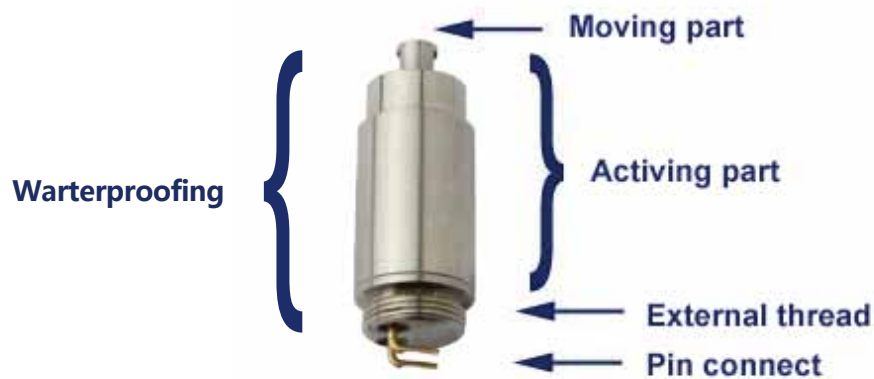
### Parameter

Models		20VS14D	
Stroke [ $\mu\text{m}$ ] $\pm 10\%$ *	19	El.capacitance [ $\mu\text{F}$ ] $\pm 10\%$	1.8
Stiffness [N/ $\mu\text{m}$ ] $\pm 20\%$	60	Resonant Frequency [kHz]	30
Push/pull force [N]	1200/200	Length [mm] $\pm 0.3$	27

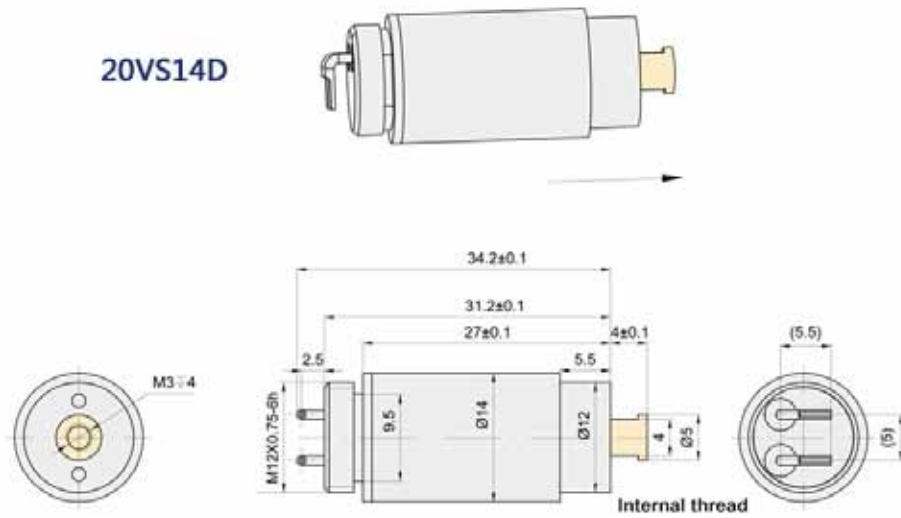
\*Nominal Stroke corresponding drive voltage 0-150V, Recommended voltage 0~120V for long-term operation to extend lifetime. Closed-loop linearity and repeatability are better. Please contact us.

Note: the preload force generally does not exceed 20% of the generated force.

### Structure



Drawing



Transfer End

Standard end	Optional ends		
Internal	Plane	External	Sphere
See above drawing	<p>Plane</p>	<p>External thread</p>	<p>Sphere</p>
See above drawing	<p>Symbol Parameter</p> <p>A : Ø12</p> <p>B : Ø5</p> <p>C3 : 4±0.5</p>	<p>Symbol Parameter</p> <p>A : Ø12</p> <p>B : Ø5</p> <p>C1 : 7±0.5</p> <p>D : M4</p> <p>E : SW4mm</p> <p>F : 2</p>	<p>Symbol Parameter</p> <p>A : Ø12</p> <p>B : Ø5</p> <p>C2 : 5±0.5</p> <p>G : SR1.5</p>