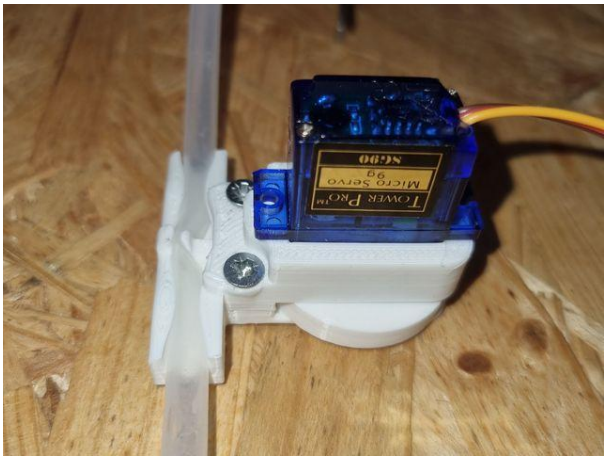

pinch valve powered by servo

MSTVS

VIEW IN BROWSER

updated 26. 8. 2022 | published 26. 8. 2022

Summary

Used with a micro Servo to pinch 6 (5-7)mm PTFE-Tubes

1.00 hrs	1 pcs	0.20 mm	0.40 mm	PLA	9 g	Prusa MK3S/S+ & MMU2S

Hobby & Makers > Mechanical Parts

Tags: 9gservo clamp hoseclamp hoseclip microservo pinch servo sg90 towerpro tube tubeclamp valve tubeclip pinchvalve 9g clamps micro towerpro9g towerprosg90

Gary Wilson Jr.

(named by GF)

designed for Project “Cocktail mixer”:

- intended for 6 mm PTFE-Tube (might also work for smaller an up to 7-8 mm)
  -controlled by Micro Server 9g (SG90)
- printed in regular PLA

Since I´m still working on a project I designed the Model to

1)be easily fixed on a surface with two screws and

2) to unplug the tube easily, without screwing the Model apart and unplug something the tube is connected to.

There might be a drop come out after the tube gets pinched down but in total it works pretty good.

Model files

pinch-valve.stl

☐ Top part needs support!

top.stl

☐ Needs support!

ventil_scheibe.stl

ventil_schieber.stl

bottom.stl

ventil_schieber.ipt

bottom.ipt

Print files

pinch-valve.gcode

PLA 0.40 mm 0.20 mm 1.00 hrs 9 g

Didn't printed it on a prusa printer, so would only recommend the STL files!

License