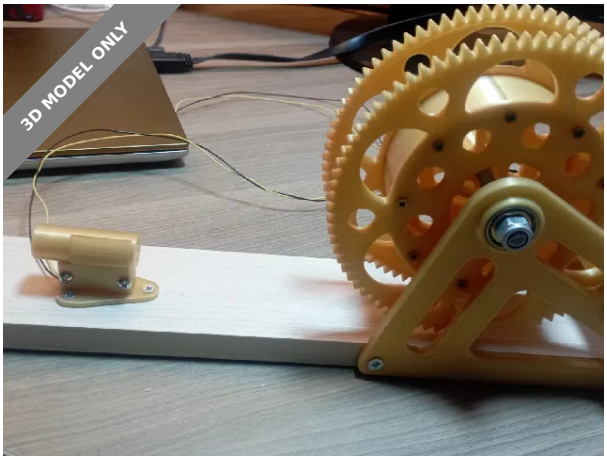


Filament sensor for the Petalot Machine

Cayman

VIEW IN BROWSER

updated 2. 11. 2026 | published 2. 11. 2026

Summary

Filament sensor based on 10T85 microswitch for the Petalot Machine,

3D Printers > Accessories

Tags: bottle pet pulltrusion petalot

Version of a filament sensor for the Petalot Machine (https://github.com/function3d/petalot). I decided not to include a sensor for the input strip at the heater inlet, but rather to add a sensor for the finished filament.
The bracket is designed to mount a tough and grim :) 10T85 microswitch.
The cover is attached with two M3x6 screws.

Model files



sensor_cover.step



sensor_bracket.step



sensor.3mf

License

This work is licensed under a
Creative Commons (4.0 International License)

Attribution-ShareAlike

✖ | Sharing without ATTRIBUTION
✔ | Remix Culture allowed
✔ | Commercial Use
✔ | Free Cultural Works
✔ | Meets Open Definition