

Filament Sensor Cover for Festo QSM M5 Fitting by KMS



KERLE MAKERSPACE

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updated 24. 10. 2021 | published 24. 10. 2021

Summary

Remodeled filament sensor cover from the Mk3s+ so that a PTFE tube can be connected. Melted-in M5 threaded insert



0.65 hrs



1 pcs



0.15 mm



0.40 mm



PET



5 g



Prusa
MK3/S/S+

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Tags: [mk3s](#) [ptfetube](#) [adapter](#) [prusai3mk3s](#)

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About:

The Festo fitting is screwed into a threaded insert. This model uses M5 inserts from Ruthex (other inserts are also possible). The core hole diameter is 6.4mm and the depth of the hole is 9.5 mm. If you need a different core hole, I have uploaded the step file so you can easily customize the part.

Check: FSC_FestoQSM5 by KMS_Changelog.pdf .

Happy printing and stay tuned :D

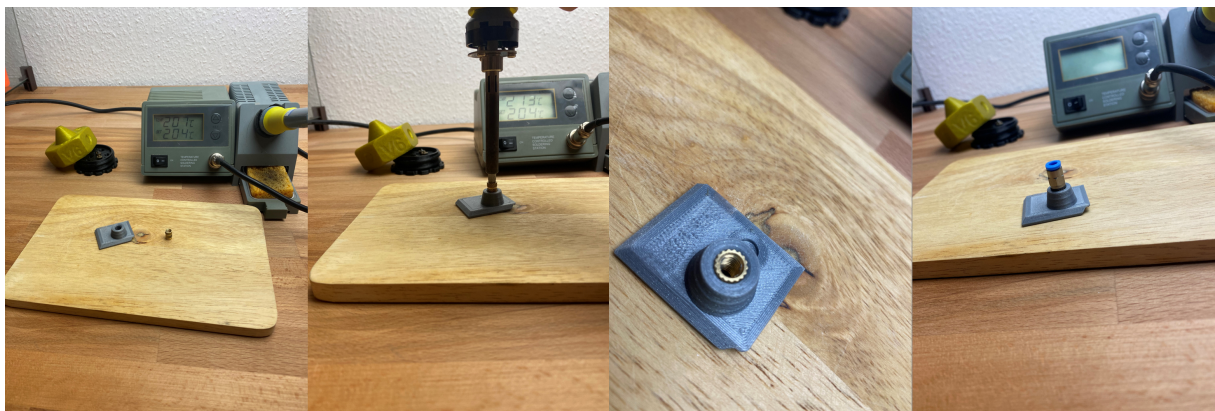
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PS: Feel free to support my work by liking or leaving a comment.

Updates and Upgrades

Change / Update	Release	Version	Change
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Assembly:



1. Preheat the soldering iron. This varies depending on the material. For PETG I preheated the soldering iron to 200°C.
2. Insert the threaded insert. Make sure that the axis is vertical. Now take the soldering iron and simply press the insert in. Always remain vertical.
3. Screw on the Festo QSM insert and mount the cover on the extruder.

This remix is based on



i3 MK3S+ Printable parts

by Prusa Research

Model files



fsc_festoqsm_m5.stl

Layerheight: 0.15mm / Supports: on Bed only / 4 Perimeter



fsc_festoqsm_m5.step

Layerheight: 0.15mm / Supports: on Bed only / 4 Perimeter



fsc_festoqsm_m5.3mf

Layerheight: 0.15mm / Supports: on Bed only / 4 Perimeter

Print files



fsc_festoqsm_m5_015mm_petg_mk3s_39m.gcode

PET 0.40 mm 0.15 mm 0.65 hrs 5 g Prusa MK3/S/S+

Other files



fsc_festoqsmm5-by-kms_changelog.pdf

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