



Creality Filament run out sensor holder for direct drive on Ender 3



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updated 1. 11. 2023 | published 1. 11. 2023

Summary

Movable holder for original Creality run out sensor

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After hours of searching for a suitable model, I started to construct it myself. The sensor must be movable and able to follow the path of the X axis. Furthermore, it must sit high enough so that it does not collide with the extruder in the case of high pressure objects.

All you need to assemble it is an M3 fusible thread and an M3 screw with a minimum length of 15 mm.

Update 11/01/2023

New design for base. Better printable.

Printed with PLA and 0.2 mm layer height.

No support necessary.

Infill 15 - 25

Model files



sensor_base.stl



sensor_holder.stl



sensor_base_v3.stl

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