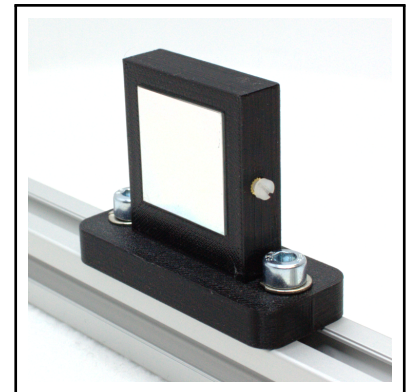


Holder module MHO-25x25

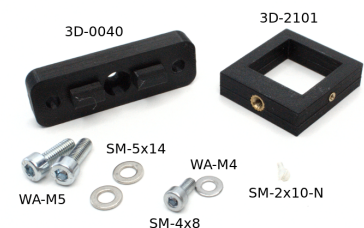
This holder is used to hold optical components with a size of 25 × 25 mm for mounting on a profile. The holder for the optical component is rotatably mounted on its base plate for adjustment purposes. The optical component is secured by a plastic screw.

A module with a 25 × 25 mm grid is shown in the picture as an example. The optical component is not included in the scope of delivery and can also be ordered from *Eureca*.



Components and tools required

AMOUNT	DESIGNATION	DESCRIPTION
1	3D-0040	Baseplate 60 mm
1	3D-2101	Holder for optical components 25 × 25 mm
2	SM-5x14	Cylinderhead screw M5x14
2	WA-M5	Washer M5
1	SM-4x8	Cylinderhead screw M4x8
1	WA-M4	Washer M4
1	SM-2x10-N	Polyamide screw M2x10
1	TI-M4x4	Threaded insert M4x4
1	TI-M2x4	Threaded insert M2x4

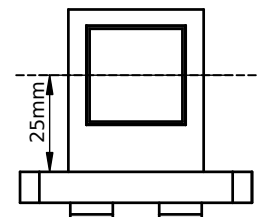


The »3D-*« components are individually adapted to the component and made from PLA filament using a 3D printer. The step files are available on request and via download.

Tools: Soldering iron or special melting set (the threaded inserts are already melted in the overview picture of the components); Allen keys 3 and 4.

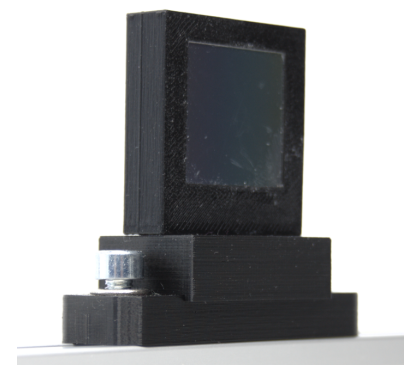
Optionale Distanzstücke

If necessary, additional spacers, which can be purchased separately or printed on your own, can be used between the baseplate and the slit. Without the spacer, the center of the gap is 25 mm above the top edge of the baseplate. Depending on the spacer used, this distance changes accordingly.



There is a separate document for the spacers, in which the available types are presented and described. In this case, a spacer with a length of 25 mm is required (item number 3D-51xx). The height of the spacer must be selected according to the requirements (xx then stands for the two-digit thickness in mm), for example based on the information in the application description.

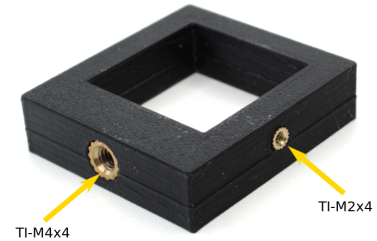
A picture of the module with an additional spacer is shown on the right.



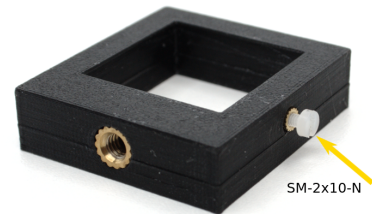
Assembly

It is recommended to gather all the parts and tools needed and carefully read the instructions before assembly.

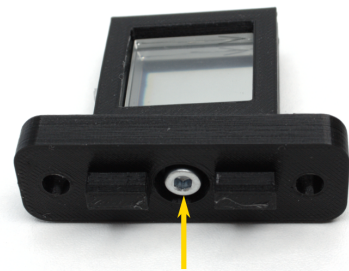
Melt the threaded inserts straight and completely into the corresponding holes of 3D-2101. To do this, heat the inserts with a soldering iron or a special melting set, press them slowly and vertically into the holes and let them cool down. Pay attention to the correct positioning and orientation of the thread inserts and that no plastic gets into the thread (otherwise clean it).



Insert the optical component as required (pay attention to the orientation and do not tilt) and fix it with the polyamide screw in the side thread insert.



Place the holder with the remaining threaded insert in the middle of the smooth upper side of the baseplate 3D-0040 and screw it from below through the middle fastening hole with the SM-4x8 cylinderhead screw and the WA-M4 washer. Tighten the screw just enough so that the slit does not wobble, but can still be turned a bit with slight force for precise alignment on the baseplate.



Insert a SM-5x14 cylinderhead screw with a WA-M5 washer from above through the remaining mounting holes. The module is then later screwed to the profile with these.

