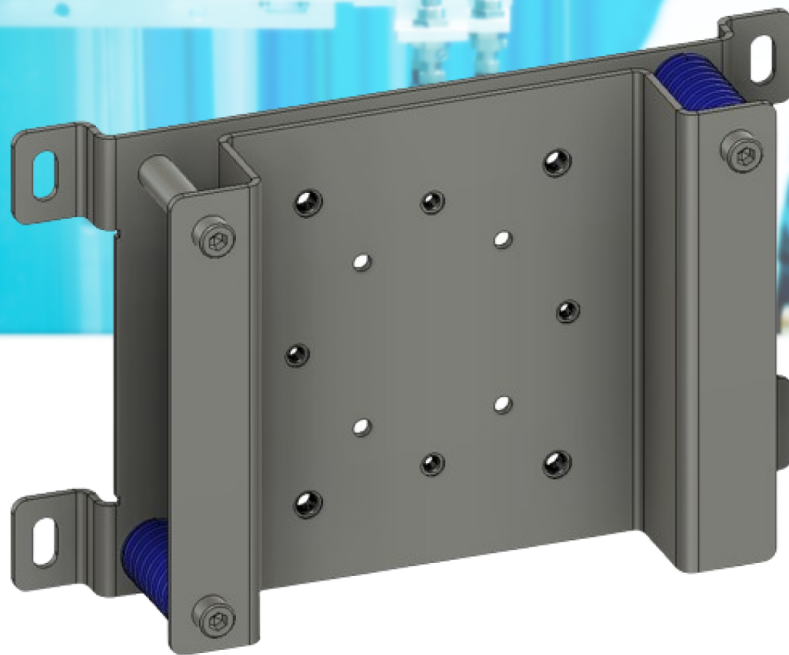



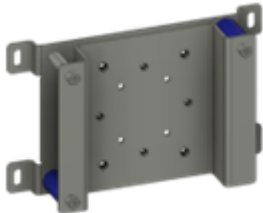
Product data sheet

OndoSense Mounting Brackets

Accessories for OndoSense *apex*



ONDOSENSE
apex

Solution	OndoSense apex Mounting Plate	OndoSense apex AngleControl
Depiction		
Purpose	Static front-mounting of OndoSense apex	Precise alignment of OndoSense apex

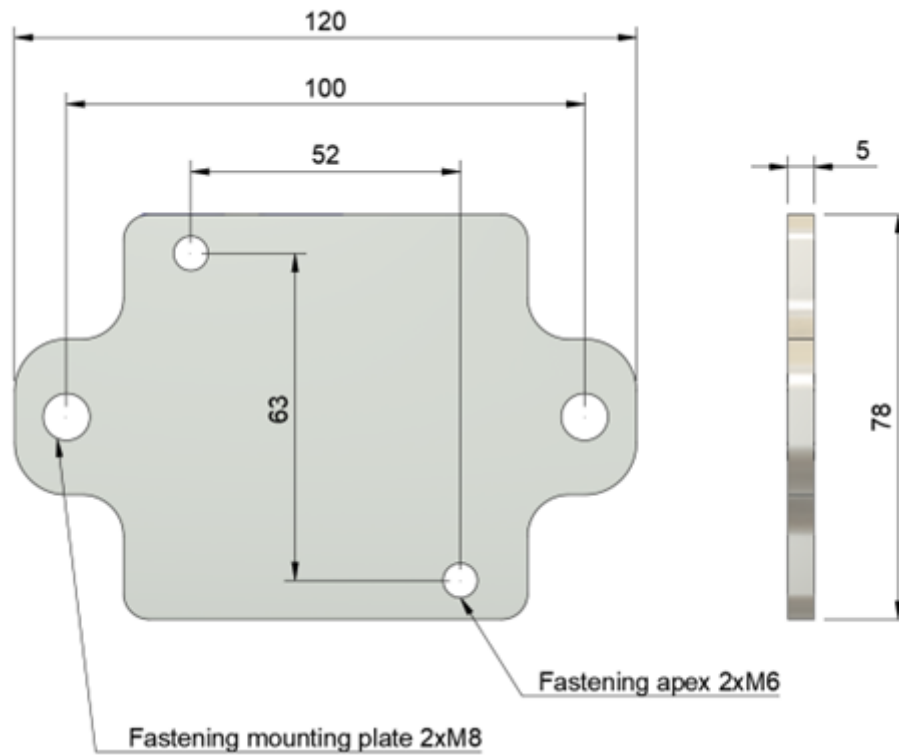
apex - Mounting Plate

Mechanical data	
Size [mm x mm x mm]	120x78x5
Material	EN AW-6061
Weight	90g
Part No.	MB.A000.1000

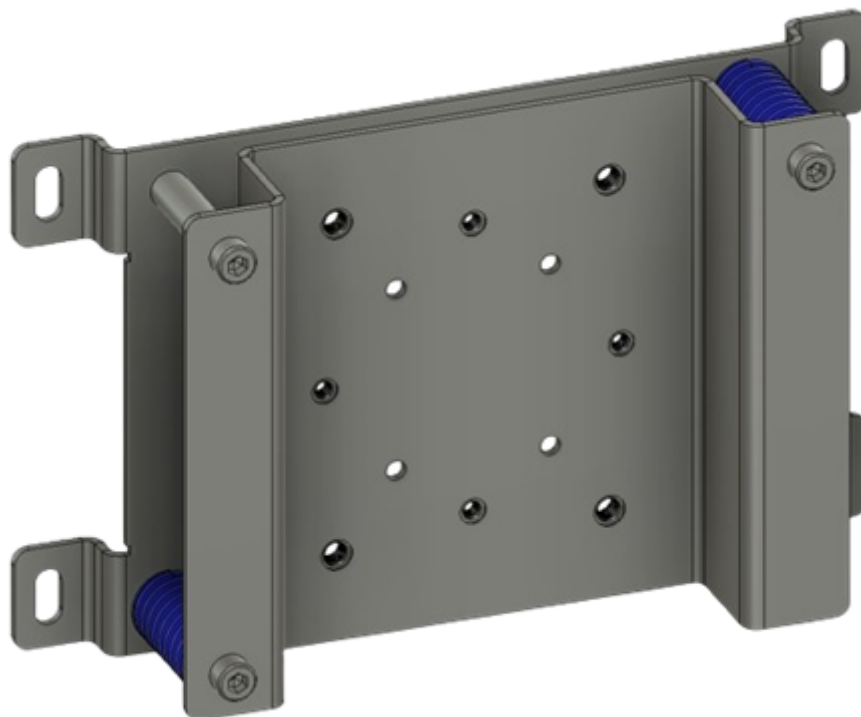
Notes on Use

The OndoSense apex mounting bracket is useful for an easy front-mounting of the OndoSense apex. It cannot be used to change the orientation of the sensor. For this purpose, use the OndoSense apex AngleControl mounting bracket for high precision alignment.

Dimensional Drawing - Mounting Plate





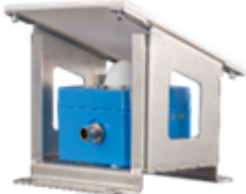
OndoSense apex AngleControl (Precision alignment tool)



Technical Data

Mechanical data	
Dimensions (W x H x D)	288x175x78 mm ³
Weight	2,0 kg
Housing Material	1.4301/1.4307 (304/304L)
Horizontal Angle Range	± 2,5° (0,4° per turn)
Max. Numbers of Turns	± 7 turns
Vertical Angle Range	± 3,5° (0,5° per turn)
Fastening	4x M8
Part No.	MB.X200.1000

Compatible products

Compatible products	apex	AirChill	HeatShield
			
Product Temperature	-	up to 1600°C	up to 1600°C
HeatWindow Temperature	-	up to 700°C	up to 700°C
Environmental Temperature	-40°C / +70°C	-40°C / +120°C	-40°C / +70°C
Part No.	DS1.12344.1112.1	PS.2110.1000	PS.1110.1000

Notes on Use

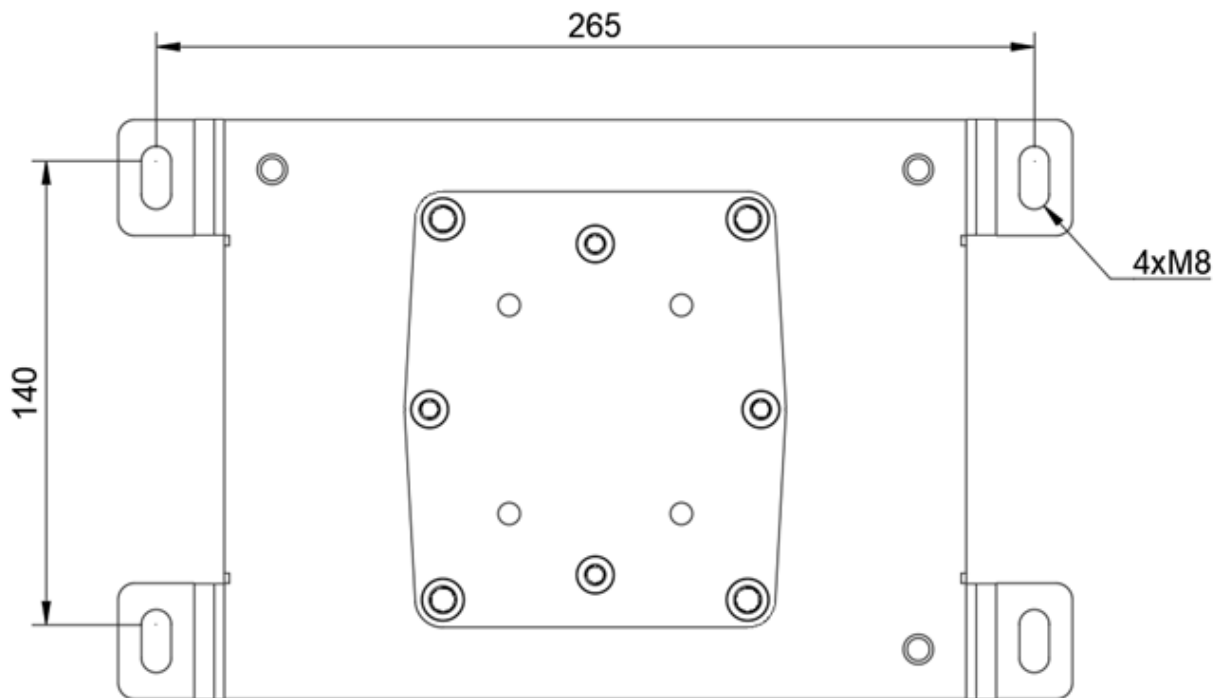
Alignment process

The OndoSense apex AngleControl high precision alignment tool is useful for a correct orientation of the sensor perpendicular to the intended target. A precise perpendicular alignment is crucial for achieving high accuracy and a good signal strength. Check the received signal strength in the configuration software of the sensor as explained in the OndoSense apex documentation.

Safety

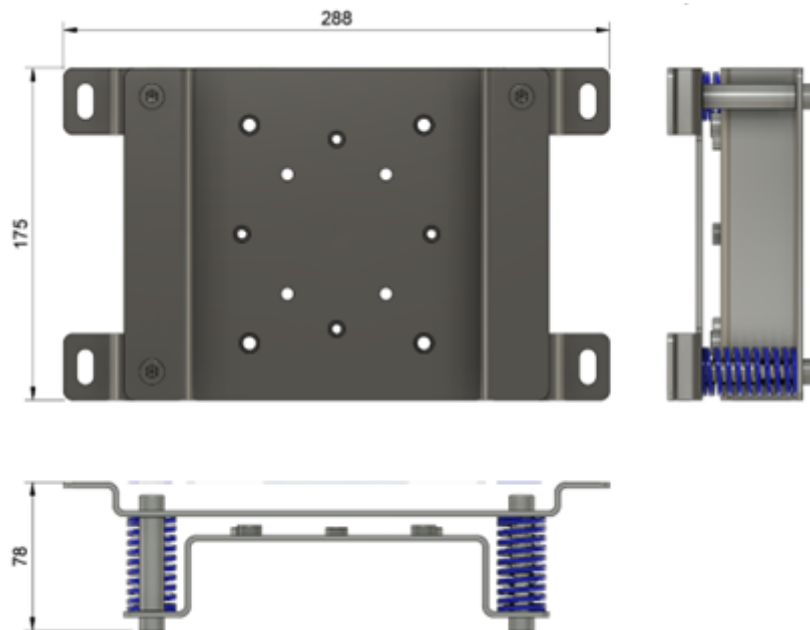
The Angle Control is supplied in the neutral position. Please note that the adjustment range is seven turns in both directions. To find the neutral position, please measure the distance from the sensor mount to the back plate. Overloading or loosening the springs can lead to injury.

Mounting Dimensions



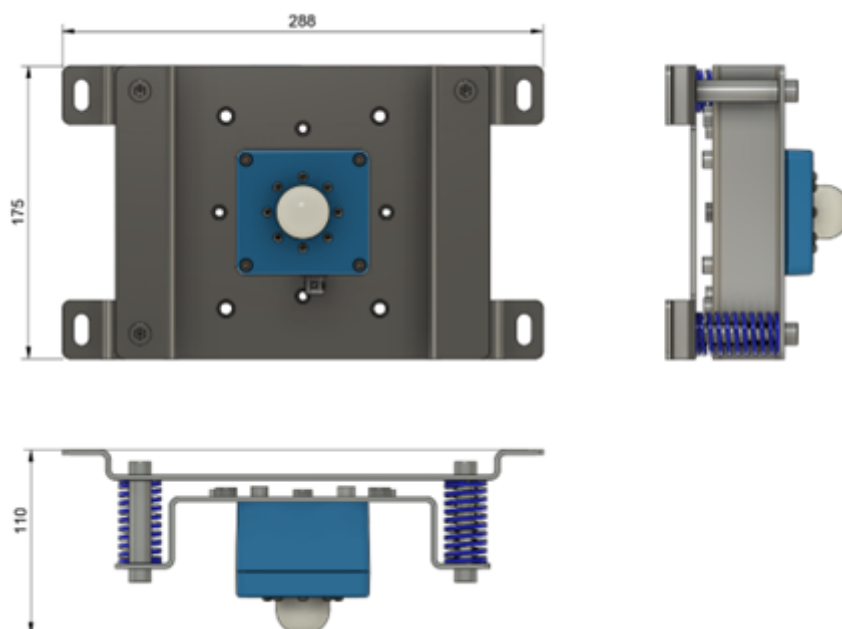
Dimensional Drawings - Angle Control

Dimensions in mm



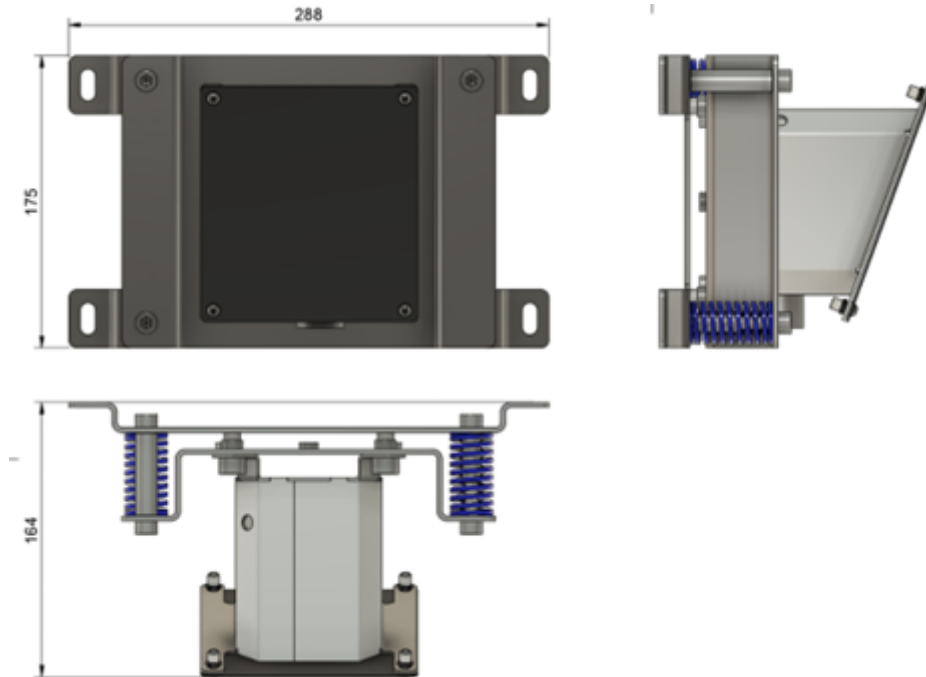
Dimensional Drawings - Angle Control & apex

Dimensions in mm



Dimensional Drawings - Angle Control & AirChill

Dimensions in mm



Dimensional Drawings - Angle Control & HeatShield

Dimensions in mm

Product data sheet

OndoSense Mounting Brackets

