

Product data sheet

OndoSense AngleControl

Precision alignment tool for OndoSense *apex*



ONDOSENSE
apex

Mechanical Data

Mechanical data	
Dimensions (W x H x D)	288 mm x 175 mm x 88 mm
Weight	0,875 kg
Housing Material	1.4301
Max. Numbers of Turns	± 3 turns
Horizontal Angle Range	± 2°
Vertical Angle Range	± 1.5°
Fastening	4 x M8
Part No.	MB.S200.1000

Notes on Use

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.

The Angle Control is delivered in the neutral (factory default) position. The adjustment range covers up to three full turns in either direction.

To verify the neutral position, ensure that the distance between the sensor mount and the back plate is equal on both sides.

After installation of the Angle Control bracket (including sensor), the beam angle can be adjusted as follows:

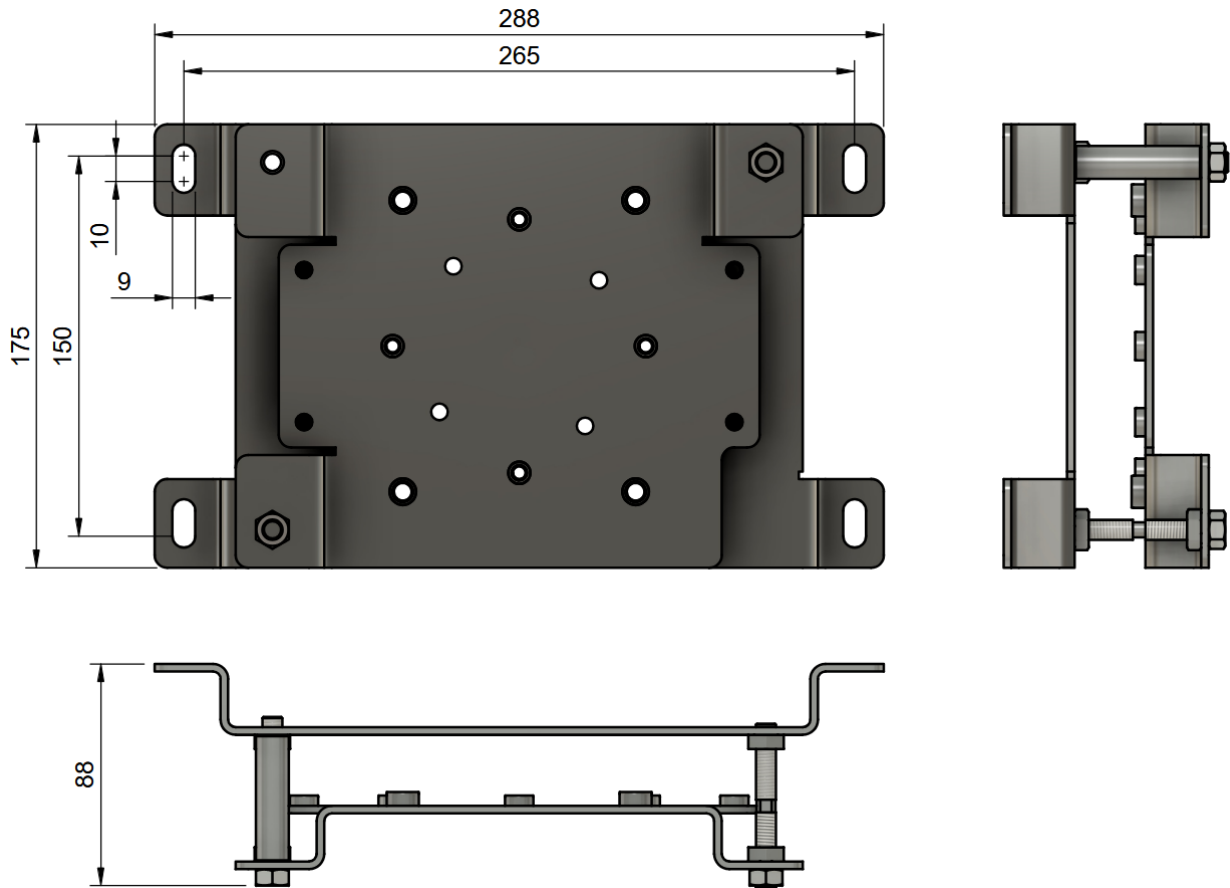
1. Loosen the two M8 locknuts on the threaded rods using a 13 mm wrench (SW13).
2. Adjust the beam angle by rotating the threaded rods with a 6 mm open-end wrench (SW6) until the desired position is reached.
3. Secure the setting by re-tightening the M8 locknuts.

Dimensional Drawings - Angle Control



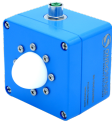
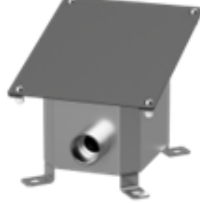
Dimensions in mm

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Compatible Products

Compatible products	OndoSense apex	OndoSense AirChill	OndoSense apex (RS485 version)	OndoSense AirChill for OndoSense apex (RS485 version)
				
Part No.	-	PS.2200.1000	-	PS.2110.1000