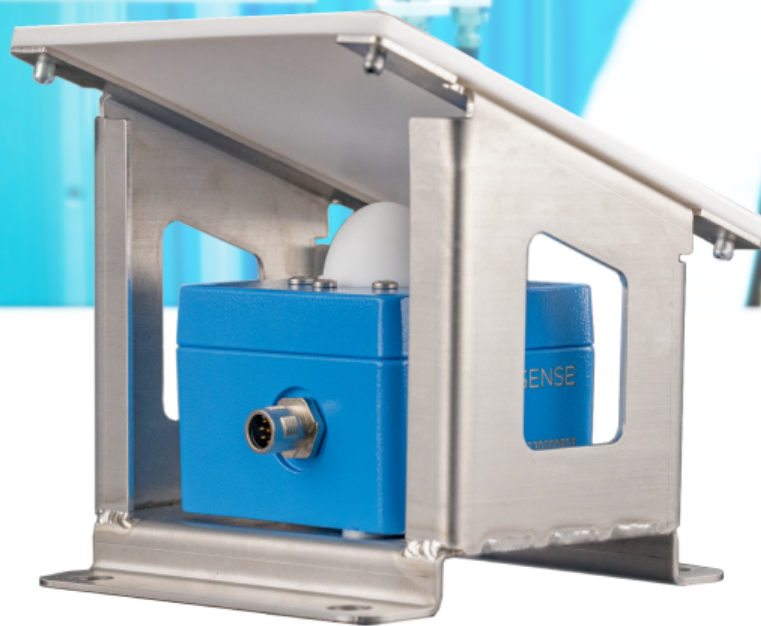


# Product data sheet

## OndoSense HeatShield

Accessories for OndoSense *apex*



**ONDOSENSE**  
***apex***

## Mechanical Data

Mechanical data	
Dimensions (W x H x D)	130 x 137 x 142 mm <sup>3</sup>
Weight	0.76 kg
Housing material	1.4301/1.4307 (304/304L)
HeatWindow temperature	Up to 1000 °C
Environment temperatur	-40 °C .. +70 °C
Fastening	4x M8
Part No.	PS.1100.1000

## HeatWindow Options

Level	HeatWindow 1000
Radiant heat (Short-term)	1000 °C
Radiant heat (Long-term)	700 °C
Shield material	Mica (Phlogopite)
Dimensions [mm]	150x130
Thickness [mm]	1
Part No. for Replacement Orders	HW.1000.1000

## Notes on Use

### Purpose

The heat shield is intended for applications in which the sensor is exposed to strong irradiation heat, such as from molten or glowing metal. The environmental temperature must be below the operating temperature of the sensors.

For heat protection in environments with higher environmental temperatures we recommend the OndoSense *apex* AirChill protection housing.

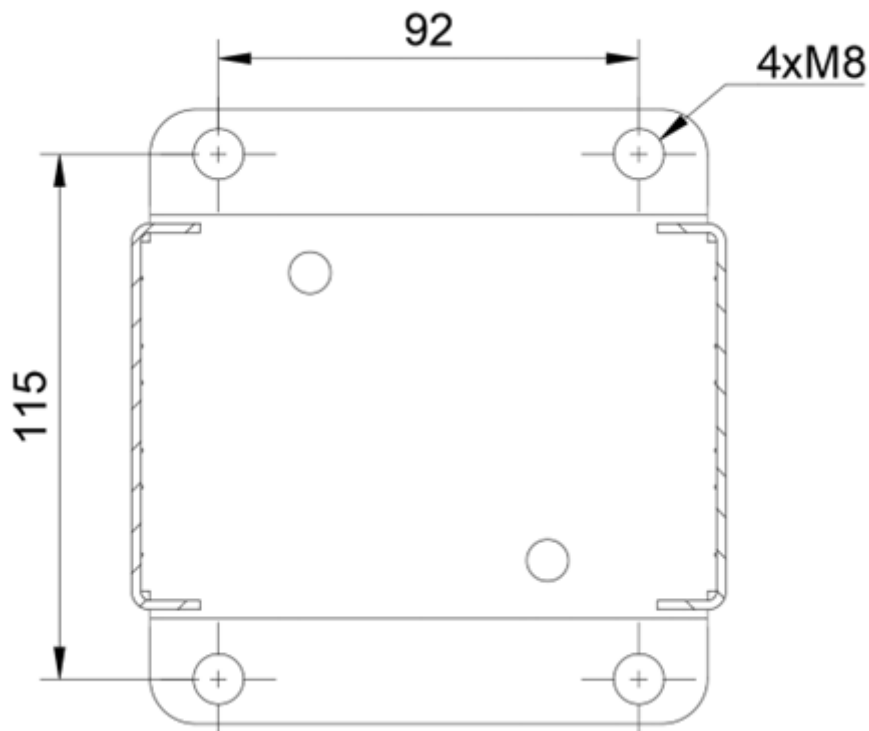
### Correct use

Clean the lens of the sensor in regular intervals in case of strong accumulation of dirt on the sensor lens.

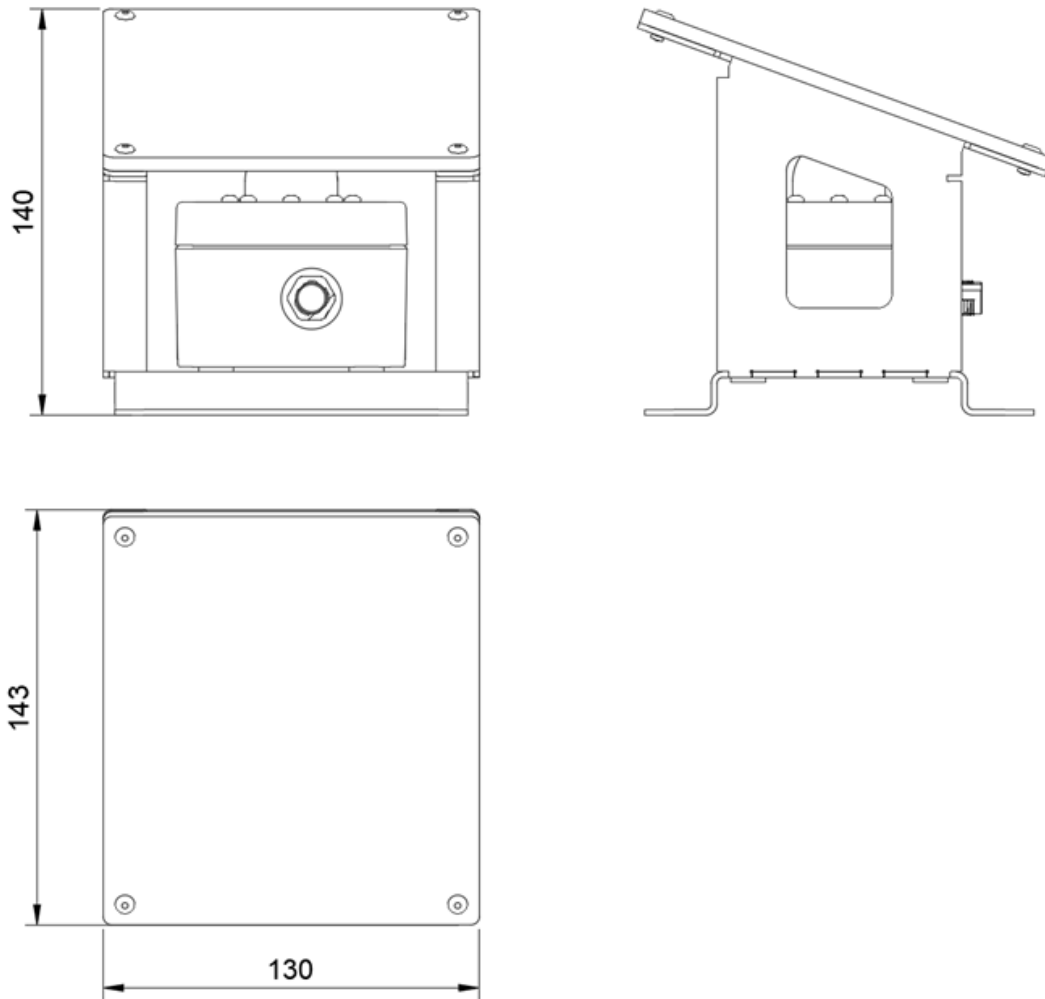
The heat shield is a replaceable part that can be ordered from OndoSense.

Ensure that the sensor is orientated correctly towards the target. A perpendicular alignment ensures the highest signal stability and accuracy of the measurement.

## Mounting Dimensions



### Dimensional Drawings – HeatWindow 300



Dimensional Drawings – HeatWindow 1000

