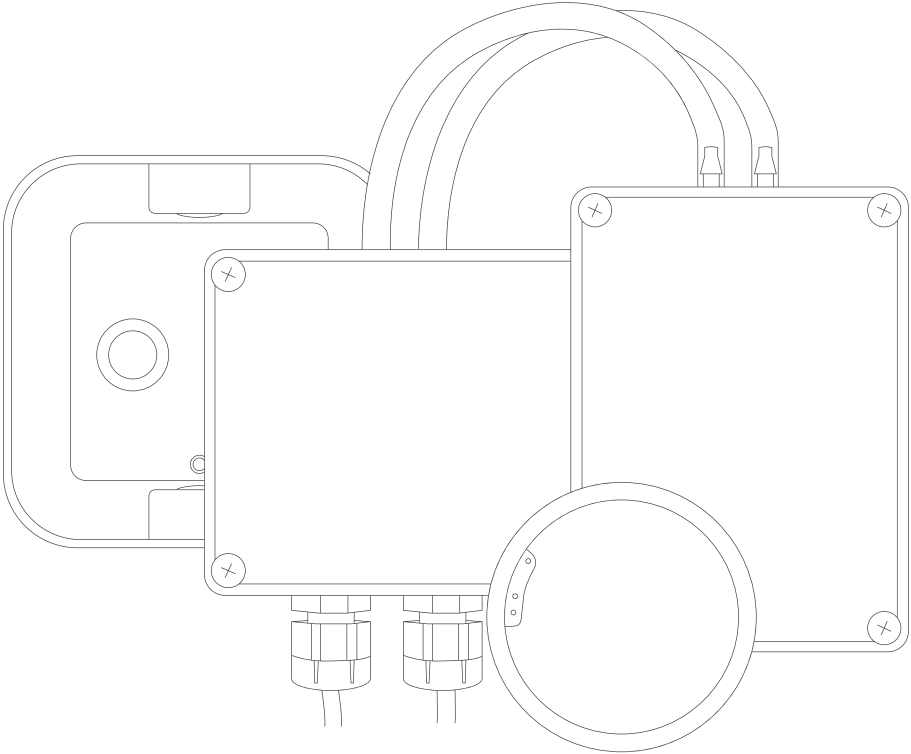




**Devices.**

Diodes status indication





Statuses, colours and behaviour of the diode (if the device is properly connected):

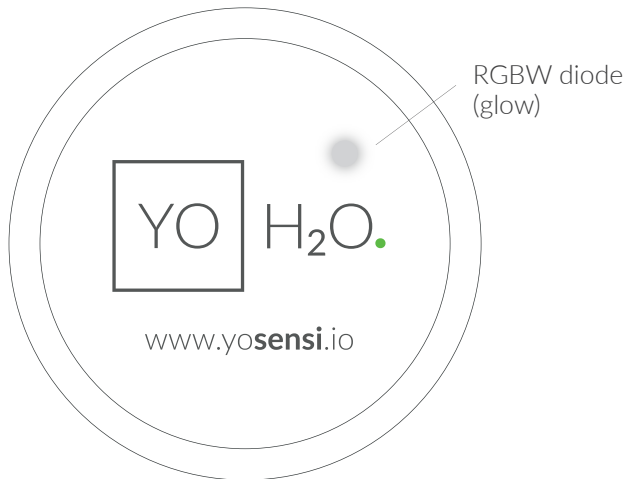
- device is working correctly (power and memory) - single GREEN flash
- device is working incorrectly (power and memory) - single RED flash
- connecting to LoRaWAN - flashing BLUE
- LoRaWAN frame sent - single WHITE flash
- confirmation from server after receiving the frame - single WHITE flash
- frame failed to confirm within specified timeout - single RED flash
- LoRaWAN Disconnected - flashing BLUE
- connecting to BLE - flashing BLUE



**Figure 1.** Location of the diode in YO 360.

Statuses, colours and behaviour of the diode (if the device is properly connected):

- device is working correctly (power and memory) - single GREEN flash
- device is working incorrectly (power and memory) - single RED flash
- connecting to LoRaWAN - flashing BLUE
- LoRaWAN frame sent - single WHITE flash
- confirmation from server after receiving the frame - single WHITE flash
- frame failed to confirm within specified timeout - single RED flash
- LoRaWAN Disconnected - flashing BLUE
- connecting to BLE - flashing BLUE



**Figure 2.** Location of the diode in YO H2O.



Statuses, colours and behaviour of the diode (if the device is properly connected):

- device is working correctly (power and memory) - single GREEN flash
- device is working incorrectly (power and memory) - single RED flash
- connecting to LoRaWAN - flashing BLUE
- LoRaWAN frame sent - single WHITE flash
- confirmation from server after receiving the frame - single WHITE flash
- frame failed to confirm within specified timeout - single RED flash
- LoRaWAN Disconnected - flashing BLUE
- connecting to BLE - flashing BLUE

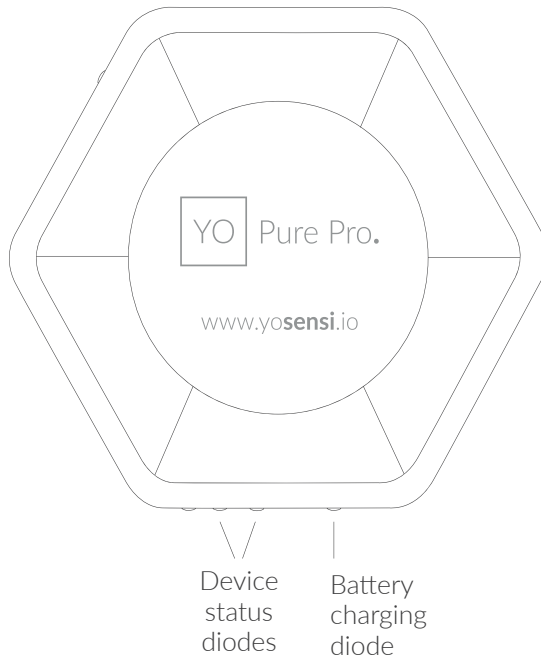


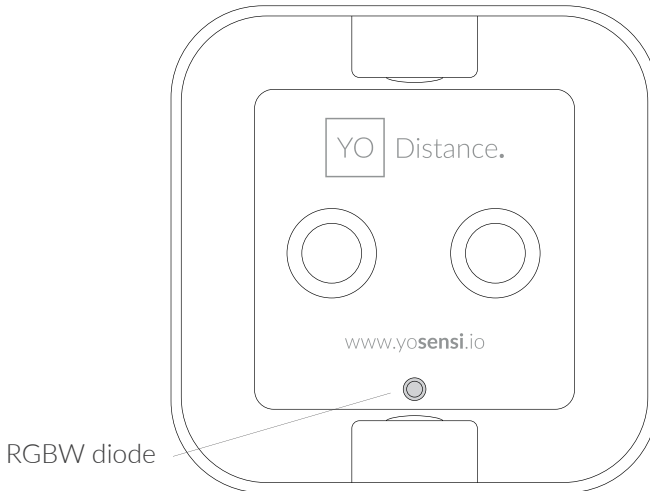
Figure 3. Location of the diodes in YO Pure Pro.



# Distance.

Statuses, colours and behaviour of the diode (if the device is properly connected):

- device is working correctly (power and memory) - single GREEN flash
- device is working incorrectly (power and memory) - single RED flash
- connecting to LoRaWAN - flashing BLUE
- LoRaWAN frame sent - single WHITE flash
- confirmation from server after receiving the frame - single WHITE flash
- frame failed to confirm within specified timeout - single RED flash
- LoRaWAN Disconnected - flashing BLUE
- connecting to BLE - flashing BLUE



**Figure 4.** Location of the diode in YO Distance.

Statuses, colours and behaviour of the diode (if the device is properly connected):

- device is working correctly (power and memory) - single GREEN flash
- device is working incorrectly (power and memory) - single RED flash
- connecting to LoRaWAN - flashing BLUE
- LoRaWAN frame sent - single WHITE flash
- confirmation from server after receiving the frame - single WHITE flash
- frame failed to confirm within specified timeout - single RED flash
- LoRaWAN Disconnected - flashing BLUE
- connecting to BLE - flashing BLUE

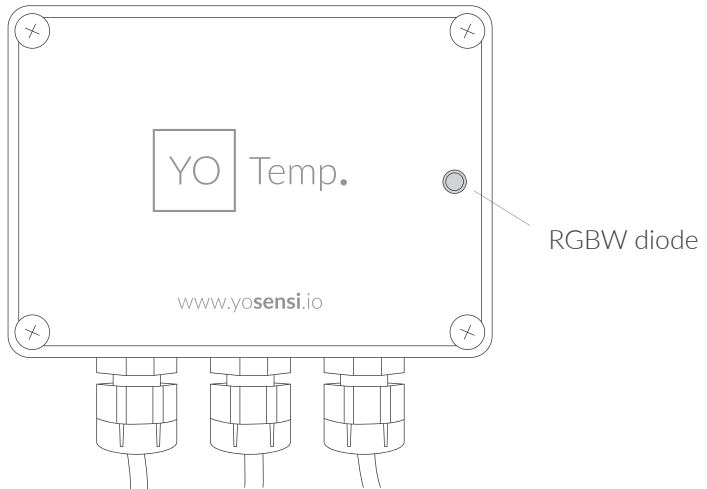


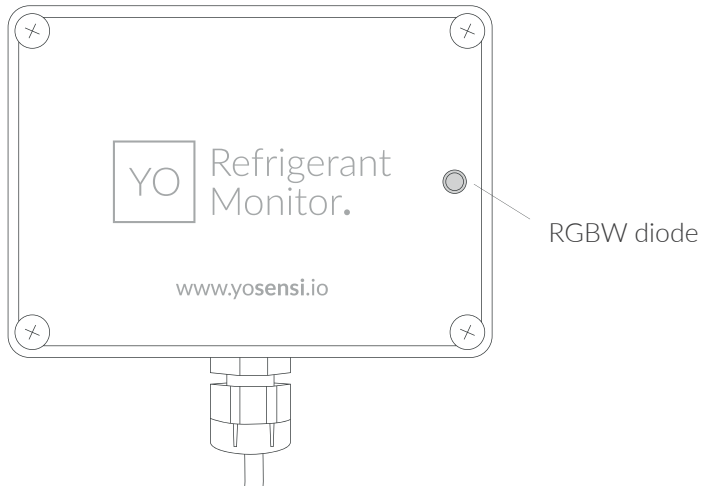
Figure 5. Location of the diode in YO Temp.



# Refrigerant Monitor.

Statuses, colours and behaviour of the diode (if the device is properly connected):

- device is working correctly (power and memory) - single GREEN flash
- device is working incorrectly (power and memory) - single RED flash
- connecting to LoRaWAN - flashing BLUE
- LoRaWAN frame sent - single WHITE flash
- confirmation from server after receiving the frame - single WHITE flash
- frame failed to confirm within specified timeout - single RED flash
- LoRaWAN Disconnected - flashing BLUE
- connecting to BLE - flashing BLUE



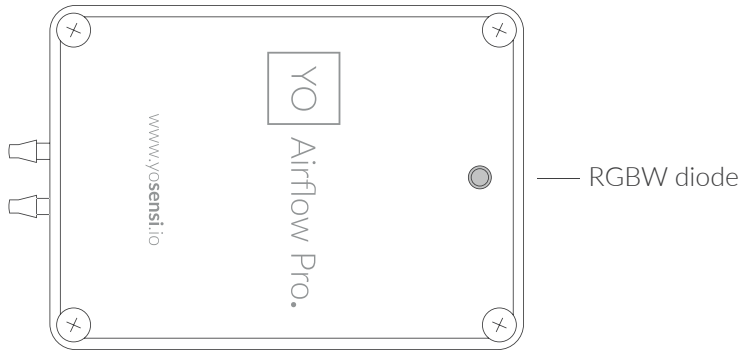
**Figure 6.** Location of the diode in YO Refrigerant Monitor.



# Airflow Pro.

Statuses, colours and behaviour of the diode (if the device is properly connected):

- device is working correctly (power and memory) - single GREEN flash
- device is working incorrectly (power and memory) - single RED flash
- connecting to LoRaWAN - flashing BLUE
- LoRaWAN frame sent - single WHITE flash
- confirmation from server after receiving the frame - single WHITE flash
- frame failed to confirm within specified timeout - single RED flash
- LoRaWAN Disconnected - flashing BLUE
- connecting to BLE - flashing BLUE



**Figure 7.** Location of the diode in YO Airflow Pro.



Statuses, colours and behaviour of the diode (if the device is properly connected):

- Device is working correctly (power and memory) - GREEN colour
- Device is working incorrectly (power and memory) - RED colour
- LoRaWAN frame sent - single WHITE flash
- Confirmation from server after receiving the frame - single WHITE flash
- Frame failed to confirm within specified timeout - single RED flash
- LoRaWAN Disconnected - flashing BLUE
- Connecting to BLE - flashing BLUE

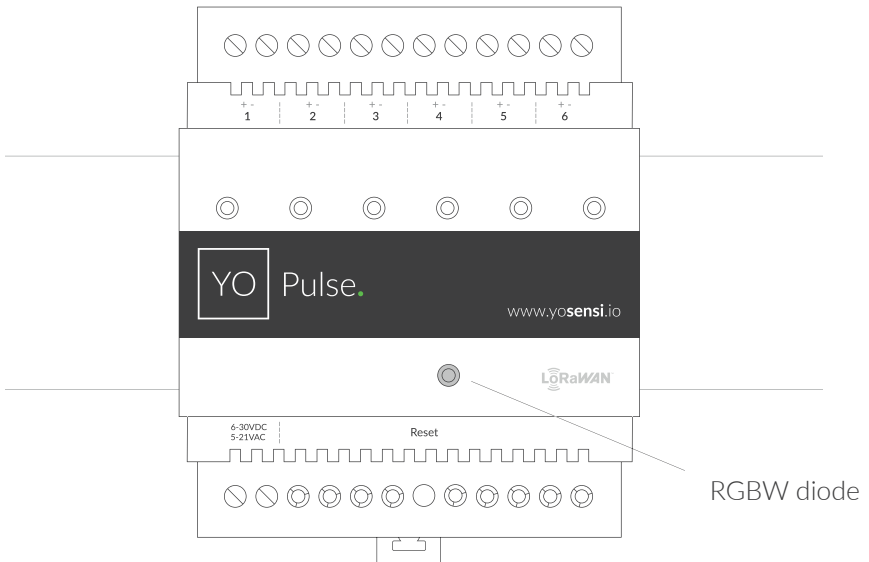


Figure 8. Location of the diode in YO Pulse.

Statuses, colours and behaviour of the diode (if the device is properly connected):

- Device is working correctly (power and memory) - GREEN colour
- Device is working incorrectly (power and memory) - RED colour
- LoRaWAN frame sent - single WHITE flash
- Confirmation from server after receiving the frame - single WHITE flash
- Frame failed to confirm within specified timeout - single RED flash
- LoRaWAN Disconnected - flashing BLUE
- Connecting to BLE - flashing BLUE

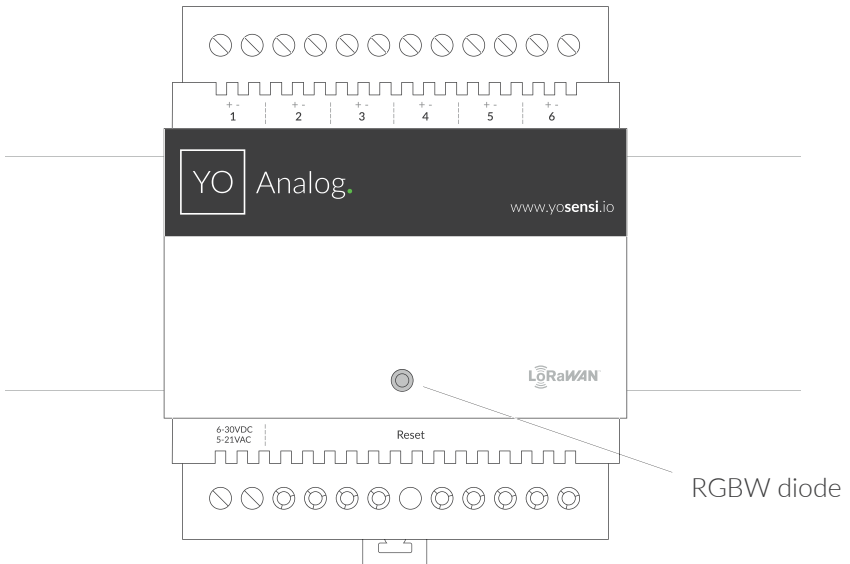


Figure 9. Location of the diode in YO Analog.

Statuses, colours and behaviour of the diode (if the device is properly connected):

- Device is working correctly (power and memory) - GREEN colour
- Device is working incorrectly (power and memory) - RED colour
- LoRaWAN frame sent - single WHITE flash
- Confirmation from server after receiving the frame - single WHITE flash
- Frame failed to confirm within specified timeout - single RED flash
- LoRaWAN Disconnected - flashing BLUE
- Connecting to BLE - flashing BLUE

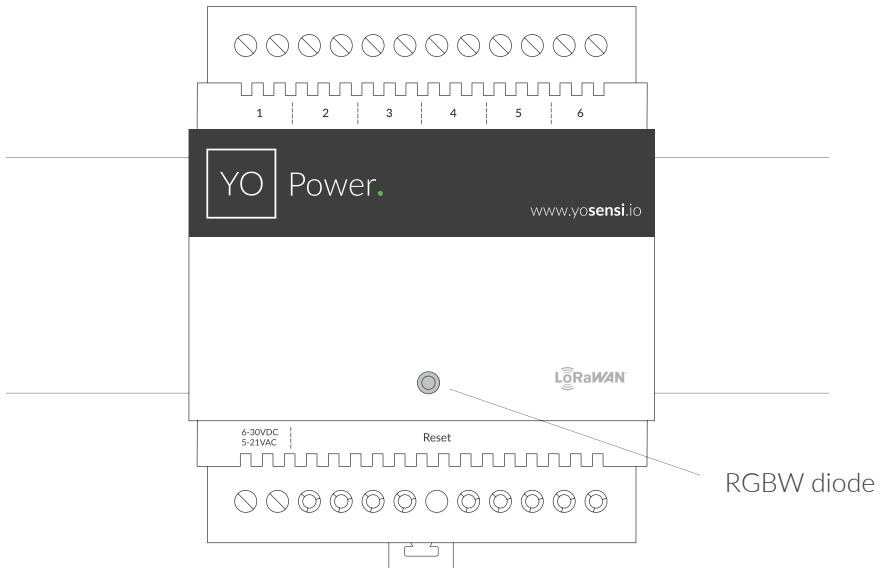
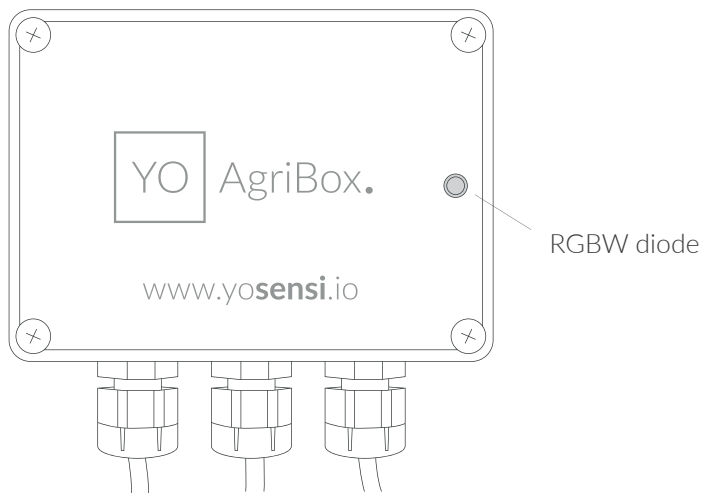


Figure 10. Location of the diode in YO Power.

Statuses, colours and behaviour of the diode (if the device is properly connected):

- Device is working correctly (power and memory) - single GREEN flash
- Device is working incorrectly (power and memory) - single RED flash
- Connecting to LoRaWAN - single WHITE flash
- LoRaWAN frame sent - single WHITE flash
- Confirmation from the server after receiving the frame - single WHITE flash
- Frame failed to confirm within specified timeout - single RED flash
- LoRaWAN Disconnected - flashing BLUE
- Connecting to BLE - flashing BLUE

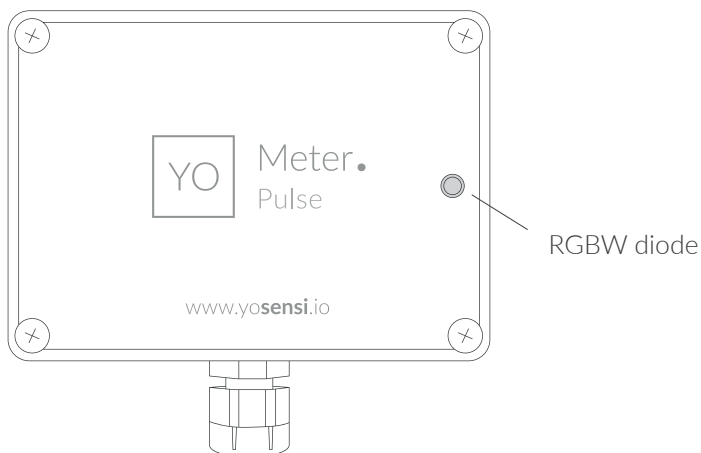


**Figure 11.** Location of the diode in YO AgriBox.



Statuses, colours and behaviour of the diode (if the device is properly connected):

- Device is working correctly (power and memory) - single GREEN flash
- Device is working incorrectly (power and memory) - single RED flash
- Connecting to LoRaWAN - flashing BLUE
- LoRaWAN frame sent - single WHITE flash
- Confirmation from the server after receiving the frame - single WHITE flash
- Frame failed to confirm within specified timeout - single RED flash
- LoRaWAN Disconnected - flashing BLUE
- Connecting to BLE - flashing BLUE



**Figure 12.** Location of the diode in YO Meter (Pulse).

# Revision history

Date	Version	Page(s)	Changes
April 2021	1	All	Initial version
December 2021	2	4, 9, 10, 11, 12, 13	New devices have been added: YO Meter and YO AgriBox. The YO Analog, YO Pulse, YO Power (change of power supply) and YO Pure Pro (new enclosure) devices were changed.
January 2022	3	1, 4, 7	The diode placement on the YO Pure Pro has been changed and the enclosure of the YO Refrigerant Monitor has been revised.





The logo for YOSSENSI.IO, featuring the company name in a bold, sans-serif font with a green dot over the 'I' in 'IO'. The text is enclosed in a thin black rectangular border.

YOSENSI.IO

The LoRa Alliance Member logo, consisting of the LoRa Alliance logo (a stylized 'L' with three curved lines above it) followed by the text 'LoRa Alliance Member' in a sans-serif font.

LoRa Alliance Member

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