

MyOT interface/actuator for OpenTherm Boilers

Data sheet P/N 01335-2080-00 - rev. 2 of the 05/07/2022

The MyOT interface/actuator for OpenTherm boilers is a fundamental tool for achieving the objectives of Predictive Maintenance, Adaptive Energy Management, qualitative data analysis and remote programming of parameters for proper operation of the systems. It has communication capabilities both through a Sigfox M2M network, through a gateway equipped with a transceiver with Z-Wave protocol, and through Wi-Fi. Through these protocols it will be possible to send the information received to a big data management cloud system to evaluate, through a Predictive Maintenance process, the implementation of automatic customer support processes.



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Features

Code: 01335-2080-00

Z-Wave protocol: Series 500

Supported Protocol: OpenTherm

Radio signal power: 1 mW

Radio frequency: 868,4 MHz EU, 908,4 MHz US, 921,4 MHz ANZ, 869,2 MHz RU

Signal range: 30 m in open field

Power supply: 5 Vdc

Dimension: 90 (H) * 90 (W) * 22 (P) mm

Compatible brands

Argoclima, ATAG, Baxi, Beretta, Biasi Caldaie, Cosmogas, Daikin, Ferroli, Fondital, Italtherm, La Bongio, LG, Savio, Sime, Sylber, Panasonic, Ravenheat, Riello, Unicalm, Immergas, Innovita and Arca Caldaie.

All other boiler manufacturers that support the OpenTherm protocol are normally compatible.

Note: Every week we integrate new brands, to stay up to date visit the product page on the site www.smartdhome.com

The parts of the MyOT interface / actuator for OpenTherm boilers



FUNCTIONS RESET GREEN LED RED LED



Figure 1: Buttons and LEDs

Functions Button: refer to the Wi-Fi configuration and Z-Wave configuration part in the user manual.

Reset Button: restart your device.

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Device Connections

To connect and operate the device correctly, it is necessary to understand the usefulness of the green connector on the back and follow the table below (Tab. 1).

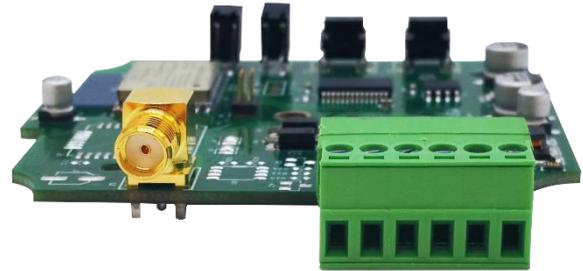


Figure 2: Aerial and green connector.

Tab. 1: green connector

Z-WAVE AERIAL	1 OpenTherm boiler	2 OpenTherm boiler	3 OpenTherm thermostat	4 OpenTherm thermostat	5 GND (-)	6 +5V (+)
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Referring to the table above, it is possible to correctly connect the device to the loB cloud. Here are some helpful tips:

1. The OpenTherm connection for both the boiler and the chronothermostat has no polarization.
2. Pay close attention to the 5V power supply connection respecting the + and - as shown in Tab.1



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