

## Natural gas detector, 230 V AC, sensor lifetime 5 years

Marka: **ORNO Home** | Symbol: **OR-DC-646** | Ean: **5908254852398**



### PRODUCT DESCRIPTION

Install a gas detector in your home or apartment and monitor the air for the presence of natural gas. The device monitors methane (CH<sub>4</sub>) concentration in enclosed spaces and triggers an alarm when it detects dangerous levels. This allows you to quickly learn about a possible leak and react before the gas has time to accumulate.

The detector meets the EN 50194-1:2023 and PN-EN 50194-1:2024-07 standards, which confirms that it

operates in accordance with the safety requirements for devices detecting natural gas in rooms.

The sensor operates as a stationary device powered by a 230 V AC. The semiconductor sensor analyses the gas composition 24 hours a day. Its service life is 5 years, so you don't have to worry about replacing it with a new model for a long time.

The built-in test button allows you to check the alarm signal.

It operates in a wide temperature range from  $-10^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$  with humidity up to 95%, so you can install it in the kitchen, boiler room or technical rooms.

Once activated, the device constantly monitors the surroundings and, in the event of a threat, immediately activates a light and sound signal. Thanks to this, you can ensure the safety of your household members and staff.

## TECHNICAL DATA

### General information:

<b>Loudness [dB(A)]:</b>	Stacjonarny
<b>Response temperature [°C]:</b>	Skład gazu
<b>Smoke switcher:</b>	CH4
<b>Mounting method:</b>	230
<b>Self-adhesive [°C]:</b>	-20
<b>Separate socket needed [°C]:</b>	55
<b>Cable entry:</b>	Tak
<b>Standalone:</b>	Tak
<b>Audible Alarm [dB]:</b>	$\geq 85\text{dB}/1\text{m}$
<b>Alarm level:</b>	$7\%\text{LEL} \pm 3\%\text{LEL}$
<b>Degree of protection (IP):</b>	IP20
<b>Length [mm]:</b>	112
<b>Width [mm]:</b>	33.5
<b>Height/depth [mm]:</b>	86
<b>Sensor lifetime:</b>	5 lat

<b>Sensor type:</b>	półprzewodnikowy
<b>Compliant standards:</b>	EN 50194-1:2023 / PN-EN 50194-1:2024-07
<b>Type of test-/pause button:</b>	Przycisk testowy
<b>Mounting method:</b>	Montaż powierzchniowy
<b>Relative humidity [%RH]:</b>	≤95
<b>Working temperature [°C]:</b>	-10~ 55
<b>Ambient pressure [kPa]:</b>	86-108
<b>Nominal voltage [V]:</b>	230