RGG WAVE Aluminium Raider

VN786000



230 Vac wall-mounted LPG gas detector with alarm relay for controlling a solenoid valve or auxiliary device. Pre-alarm and alarm conditions are signalled both visually (special LEDs) and acoustically (buzzer). The wave-shaped design makes it easy to integrate into any home environment.

General features

- Fixing can be done directly on the wall or on a 3-module flush-mounted box (type 503) or similar
- Acoustic and visual alarm status detection
- Signalling LEDs
  - green for power supply presence
  - yellow for signalling incorrect sensor operation
  - red for alarm status signalling

Technical specifications

Power supply	
Power supply	230 Vac (-15% ÷ +10%)
Frequency	50 / 60 Hz
Absorption	4 VA
Parameter settings	
Switching delay	30 seconds
Intervention threshold	11% L.I.E.
Functions	
Probe alarm buzzer	✓
Functional characteristics	
Acoustic signalling	85 dB (at 1 metre)
Operating conditions	
Operating temperature range	-10 ÷ 40 °C
Relative humidity	30% ÷ 90% non-condensing RH
Storage temperature range	-10 ÷ 50 °C
Approvals and certifications	
IMQ Certification	✓
Outputs	
Relay capacity at 250 Vac	8 (2) A
Mechanical features	
Protection degree	IP42

Vemer S.p.A. declines all responsibility for the use of the products for purposes other than those for which they are intended, as indicated in the technical documentation. Vemer S.p.A. reserves the right to make, without prior notice, such changes as may, in its sole discretion, improve the technical and functional characteristics of the products and the related production logic. The technical characteristics and images of the products indicated are given for information only and are not binding in any way, since they may be modified without prior notice.

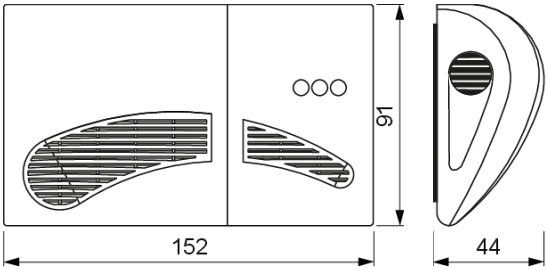
Revision date: 2026-02-02

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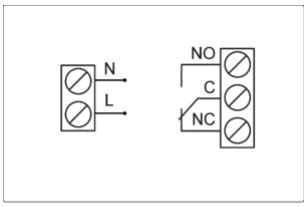
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Physical features	
Color	Aluminum
Sensor lifetime	5 years from the date of installation
Overall dimensions	
Height (A)	91 mm
Width (B)	152 mm
Depth (C)	44 mm

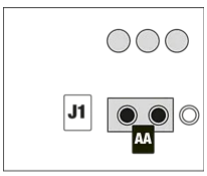
Dimensions



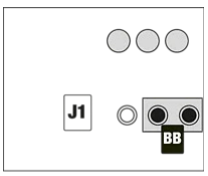
Wiring diagram



Graphic details



Active safety control



Passive safety control

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Product variants

RGG WAVE Bianco Siberian

VN785200

Wall-mounted LPG gas detector, 230 VAC.
Color white.

Accessories compatible with the product

VALV-12NA 12 Vdc

VE169900

Normally open solenoid valve with Rp 1/2" connection 12 Vdc supply

VALV-34NA 12 Vdc

VE170700

Normally open solenoid valve with Rp 3/4" connection 12 Vdc supply

VALV-01NA 12 Vdc

VE171500

Normally open solenoid valve with Rp 1" connection 12 Vdc supply

VALV-12NC 12 Vdc

VE172300

Normally closed solenoid valve with Rp 1/2" connection 12 Vdc supply

VALV-34NC 12 Vdc

VE173100

Normally closed solenoid valve with Rp 3/4" connection 12 Vdc supply

VALV-01NC 12 Vdc

VE174900

Normally closed solenoid valve with Rp 1" connection 12 Vdc supply

VALV-34NA 230 Vac

VN073300

Normally open solenoid valve with Rp 3/4" connection 230 Vac power supply

VALV-12NA 230 Vac

VN074100

Normally open solenoid valve with Rp 1/2" connection 230 Vac power supply

VALV-01NA 230 Vac

VN075800

Normally open solenoid valve with Rp 1" connection 230 Vac power supply

VALV-34NC 230 Vac

VN076600

Normally closed solenoid valve with Rp 3/4" connection 230 Vac power supply

VALV-12NC 230 Vac

VN077400

Normally closed solenoid valve with Rp 1/2" connection 230 Vac power supply

VALV-01NC 230 Vac

VN078200

Normally closed solenoid valve with Rp 1" connection 230 Vac power supply

Reference standards

Compliance with Community Directives:

• 2014/35/UE (LVD) • 2014/30/UE (EMCD) • 2011/65/UE e 2015/863/UE (ROHS)

is declared with reference to the following Standards:

• EN 50194-1 • EN 50270 • EN 60335-1: • EN IEC 63000

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