SRG

VE204400



Gas detection control unit, DIN-rail mounted (6 modules), 12 Vac/Vdc power supply, with one probe input. Connected to sensor probes, the control unit detects gas leaks and activates a solenoid valve or auxiliary device via an alarm relay. Microprocessor-based operation with probe signal acquisition and alarm/fault display via LEDs.

General features

- Signalling via LEDs:
  - green: device powered
  - yellow: incorrect sensor operation
  - red: gas alarm status
- Reset/test key to silence alarm
- Alarm signalling is via LEDs and buzzer
- Possibility of choosing the operating mode in positive or negative logic
- Compatible probes: Sensor model

Technical specifications

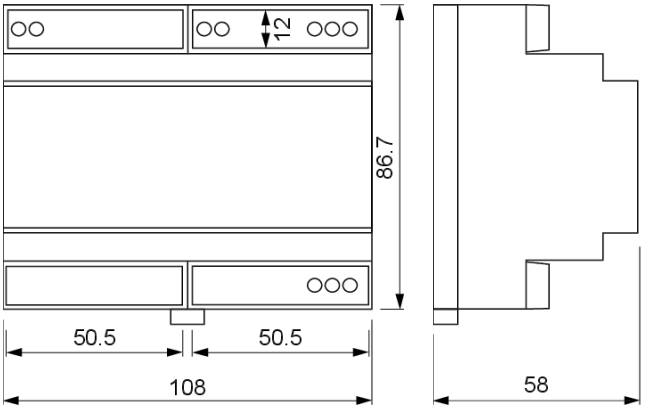
Power supply	
Power supply	12 Vac/Vdc (-20% ÷ +20%)
Absorption	~160 mA
Functions	
Probe alarm buzzer	✓
Connectivity	
Maximum distance between device and actuator or probe	50 m
Operating conditions	
Storage temperature range	-10 ÷ 50 °C
Inputs	
Number of connectable probes	1
Type of connectable probes	LPG gas sensor Methane gas sensor Carbon monoxide sensor
Outputs	
Relay capacity at 250 Vac	5 A
Terminations	
Termination type	Terminal blocks

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.

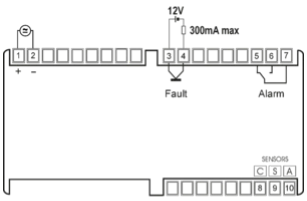
Revision date: 2026-02-02

Terminations	
Maximum cable cross-section	2.5 mm²
Mechanical features	
Protection degree	IP40
Overall dimensions	
Height (A)	86.7 mm
Width (B)	108 mm
Depth (C)	58 mm

Dimensions



Wiring diagram



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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

LPG Sensor

VE206900

Wall probe for LPG gas detection, connectable to SRG control units

CO Sensor

VE207700

Wall probe for carbon monoxide detection, connectable to control units

CH4 Sensor

VE205100

Methane gas detection probe for wall-mounted use, connectable to SRG control units

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 60730-1 • EN 50270 • EN IEC 63000

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