

GP-NOVA

Visual Indication

Status LED bars offer clear visibility from distance of ≥ 10 m.

Green: Active, Red: Alarm, Yellow: Fault/service, Blue: Wireless connection.

OLED Display

Clear and bright independent of viewing angle.

Optical Buttons

No need for a magnetic wand.

Analog output

Configurable galvanically isolated 4-20 mA loop.

Relay Output

Alarm 1, 2, and Fault

- Configurable alarm ON/OFF setpoints.
- Energized or de-energized Alarm relays.
- Configurable delay time.
- 1 A @ 30 V_{DC}; 1 A @ 250 V_{AC}.

Digital Output

RS-485 Modbus RTU.

Electrical Ratings

Input voltage: 18-36 V_{DC}.
Input power*: < 6.5 W.

*: All relays are active, analog output is set to 23 mA, connected to a catalytic sensor.

Target Gas Types

Explosive and toxic



Wireless Communication

Quick and easy way of configuring, monitoring and servicing via Geopals mobile app.

Logger and BlackBox Function

- Logs up to 2000 events.
- Time-stamped signal monitoring, can be viewed and forwarded via email any time via app.
- All events and logs are stored on a microSD card.
- Memory containing system settings is battery driven, for quick startup after power cycling.

Calibration History

Overview of sensor performance by storing previous calibration data for better planning of maintenance and service routines.

Operating Temperature

Transmitter: - 40 to +60 °C

For sensor operating temperature, please contact Geopal System.

Operating Humidity

Transmitter: 0 to 95 %RH non-condensing.

For sensor operating humidity, please contact Geopal System.

Approvals

- ATEX/IECEX.
- Suitable for SIL 2.



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Skelstedet 10B, DK-2950 Vedbæk | +45 4567 0600
www.geopal.dk | info@geopal.dk