

► Surveyor SV4B

Flammable gas measuring controller



Technical specifications

Type: Single channel gas detector for the detection of flammable gases

Capacities: 1 measurement channel

Sensor: 1 sensor type OLC10 or OLC100 or 2 sensors OLC10 TWIN

Power supply:

- 230 Vac (207 to 253 Vac)
- 12 Vdc (11.5 to 14 Vdc)

Power consumption:

- 5.8 W (connected sensor) under 230Vac
- 0.4A (connected sensor) under 12Vdc

Visual alarms:

- Malfunction : yellow
- Gas 1st threshold & 2nd threshold : red

Audible alarm: Integrated

Acquittal: Manual or automatic

Relaying:

- Relay 1: common gas (threshold 1) and fault
- Relay 2: gas (threshold 2)

Contact: RCT (relay 1 & 2)

Measuring line:

- Shielded cable with 3 active conductors
- Maximum line length: 40 m (with 1.5 mm² conductor)
- Maximum loop resistance : 1,4 Ω

Mounting: symmetrical DIN rail to be placed in a closed box

Casing: NORYL

Dimensions: 105 x 90 x 60 mm / Weight : 0,360 Kg

Protection class: IP20

Certifications: CE and Low Voltage Directive

Product description

Specially designed for very small boiler rooms, the **Surveyor SV4B controller** prevents the risk of explosion due to the presence of flammable gases in the ambient air. The small module is **mounted on a standard DIN rail** and can be easily integrated into any existing box or control cabinet, thus reducing installation costs.

Smaller size, easier installation and lower cost are the main advantages of this datalogger. Used only with Oldham's Wheatstone bridge series (OLC10 or OLC100), the **Surveyor SV4B** controller combines simplicity and reliability with an excellent price/performance ratio.

The **Surveyor SV4B gas detector** is designed to be integrated with a simple click in an electrical cabinet near the control devices. It is a single-channel flammable gas detection unit to which **one OLC10/OLC100 sensor** or **two OLC10 TWIN sensors** can be connected. It has two potential-free alarm relays for the control and the acknowledgment of these, and can be manual or automatic.

► The assets of the Surveyor SV4B:

- Mounting on symmetrical DIN rail (omega rail) for integration in a box or in a control cabinet
- 1 input available for 1 OLC10/100 or 2 OLC10 TWIN sensors
- 2 alarm levels: alarm1, alarm2 + fault
- 2 potential-free alarm relays for the control systems
- Permanent self-control of the measuring circuit
- Excellent quality/price ratio



OLC10 ou OLC100

OLC10 TWIN