

Prevention of the risks

Measurement and alarm unit

Surveyor 4B

■■■ DIN rail mounting

■■■ Low cost and
easy to install

■■■ Continuous auto test

■■■ Built-in relays



CE ATEX

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OLDHAM

Global fire and gas detection solutions

■ ■ ■ Together we'll make your operations safe

OLDHAM has designed the SURVEYOR 4B as a monitoring apparatus especially to ensure the safety of boiler plants, battery charging rooms or small units where your operations are at risk due to possible escape flammable gas leaks.

Developed for the purpose of quick, safe detection, the SURVEYOR 4B control module combines highly reliable monitoring, simple implementation and low costs.



Example of application: boiler plant

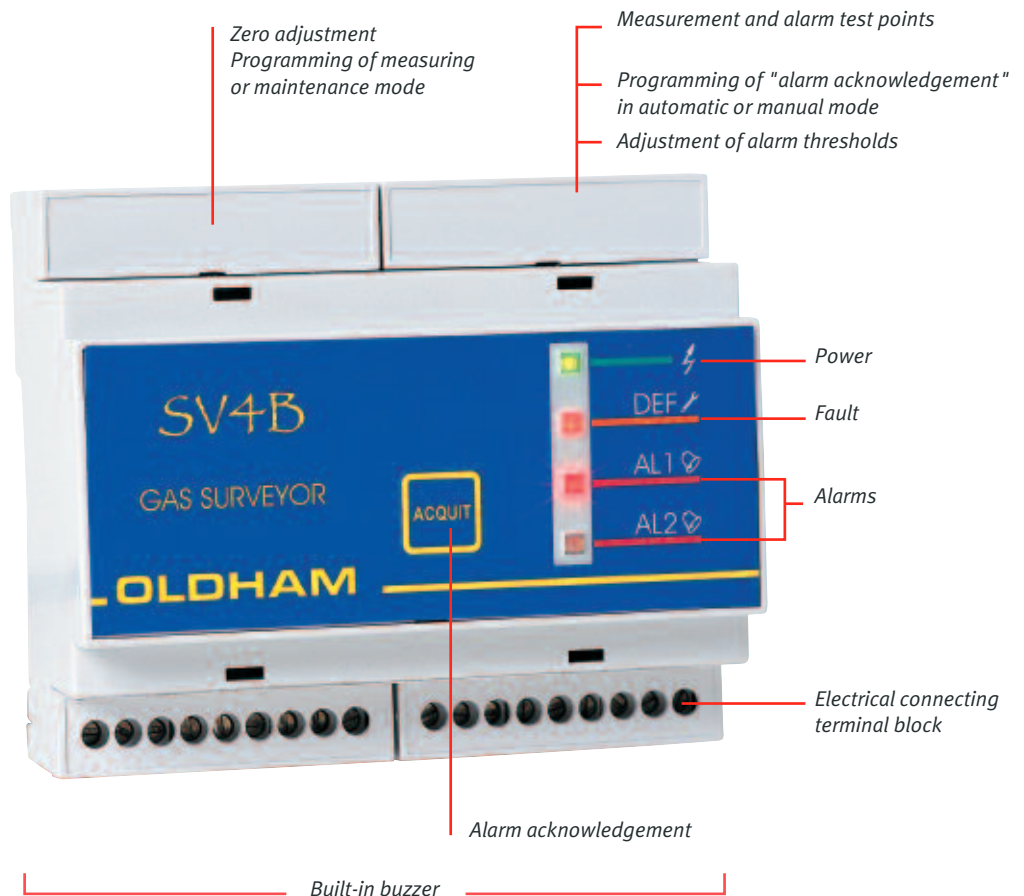
■ ■ ■ Just install for maximum safety



Installation in electric equipment cabinet

The SURVEYOR 4B is designed to allow easy integration simply by clicking it into place on an existing equipment cabinet near your control devices.

The SURVEYOR 4B is linked to detectors set up in the area to be monitored.



Simple ergonomics, greater safety

Easy to install

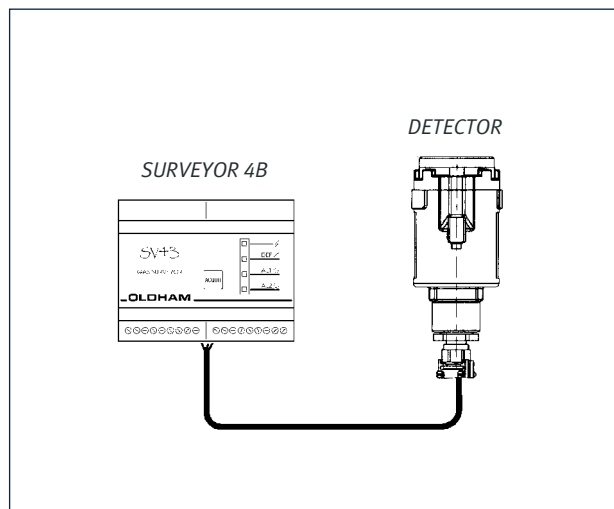


Diagram of installation with 1 detector

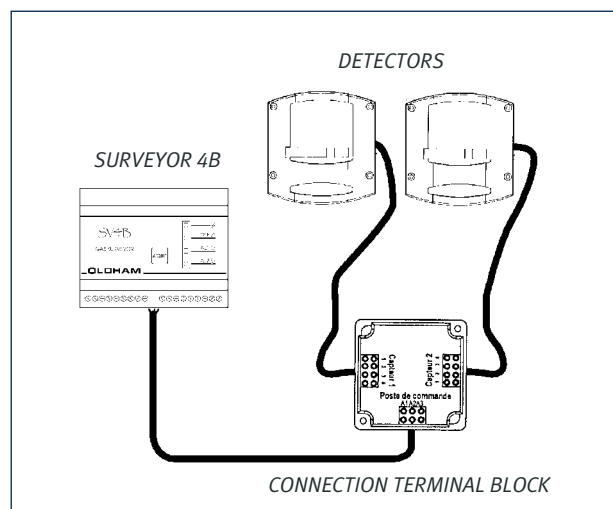


Diagram of installation with 2 detectors in a single volume

Maximum safety

- The measuring line and the detector are monitored in continuous mode by a special circuit which gives warning of any failure.
- The siren, revolving light or modem, etc., are actuated by dry contacts.
- The relay can only be reset by acknowledgement in manual mode after the gas alarm has been cleared (automatic acknowledgement on option).

Greater safety

- Failure: yellow
- Gas: 1st threshold: red
- Gas: 2nd threshold: red
- Integrated audio alarm

Compliance with standards

- CE and Low-Voltage Directive

Options for extra functions

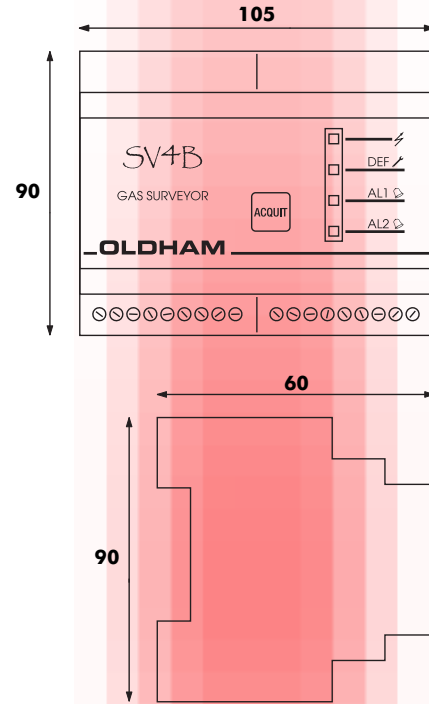
- Power relay
- Electric valve
- Revolving light
- Sirens
- Indicator light
- Modem
- Control gas

Technical characteristics

Manufacturer :	• OLDHAM SA
Type :	• Surveyor 4B
Function :	• Flammable gas monitor
Capacity :	• 1 channel : 1 or 2 detectors
Measurement :	• Continuous
Visual alarms :	• Failure: yellow • Gas, 1 st threshold: red • Gas, 2 nd threshold: red
Audio alarm :	• Integrated
Acknowledgement :	• Manual or automatic
Power supply :	• AC : 230 V (207 to 242 V) • DC : 12 V (11.5 to 14 V)
Consumption :	• 5 VA or 4 W (detector connected)
Protection :	• By fuse
Relays :	• Relay 1 : common, gas and failure • Relay 2 : gas
Contact :	• RCT, relay 1 • RCT, relay 2
Max. resistive breaking capacity :	• 2A/230 V AC/30 V DC
Measuring line :	• Shielded cable, 3 active conductors • Max. line length: 40 m (with 1.5 mm ² conductor) • Maximum loop resistance : 1.4 Ω
Mechanical features :	• Mounting on symmetrical DIN rail

Subject to operation conditions

Miscellaneous :	• Technology : SMC (surface-mounted components) • Main power indicator light : green LED • Housing : NORYL • Warranty : 1 year
Dimensions :	• 105 x 90 x 60 mm
Weight :	• 0.360 Kg
Compliance :	• CE and Low-Voltage Directive



Surveyor 4B



Your agent or retailer

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