

► Unipoint

Gas detection module - DIN rail mounting



Technical specifications

Use: gas controller - Mounting on TS35 DIN rail (omega rail) in a cabinet or control cabinet

Power supply: Nominal 24Vdc (18-32Vdc)

Features:

- 3-wire, 4-20mA 2 and 3-wire mV bridge inputs
- 3 alarm relays (Single pole / 3A, 240Vac / 28Vdc inverter)
- 1 system fault relay (single pole inverter)
- 1 sensor inhibition input
- 1 alarm acknowledgment input

Display: Backlit LCD display

Alarms: Integrated audiovisual

Indicator lights:

- Under voltage (Green LED)Défaut (LED yellow)
- Alarms (Red LED)

Operation:

- 2 keys: normal alarm reset operations and triggering of the system self-test
- 4 keys: user programming via an intuitive menu

Dimensions / weight: 140 x 30 x 115 mm / 225 grams

Protection class: Indoor, IP3x, according to BS EN 60529: 1992 (control module to be installed in a suitable enclosure)

Input / output cables: Removable termination connectors, easy access to all terminals

Operating conditions :

- Operating temperature -10 ° C to +55°C
- Humidity 10 to 90% RH (non-condensing)

Certifications :

- CEM/RFI: EN50270
- Electrical safety: EN61010, UL61010b
- Performance ATEX measurement function: EN61779
- Others: CE, TUVDescription

Product description

The **Unipoint** is a control module mounted on a DIN rail, offering integrators a flexible and economical solution for incorporating their detection of flammable, toxic and oxygen gases into their control systems.

This module can easily be integrated into any existing control cabinet, thereby reducing installation costs. By connecting several modules together, it is possible to make small to medium-sized monitoring solutions.

► All the functions of a controller

Each module incorporates audiovisual alarms, three programmable alarm relays, a fault relay and a logic input for deactivating the alarm without opening the cabinet or the control cabinet.

► A fully configurable module

The gas concentration and system status appear on the backlit liquid crystal display and each control module is fully programmable by the user via an intuitive menu system with selection keys. The configuration menus can be password protected to prevent unauthorized access.

► Main assets

- Mounting on TS35 DIN rail (omega rail) for integration in a box or in a control cabinet
- Compatible with a wide range of gas detectors for the 4-20 mA version
- 3 alarm levels associated with 3 independent potential-free relays + 1 sensor fault relay
- User-friendly with backlit display and 3 status lights

► 2 available models

UniPoint control module available in two versions:

- The mV version is used with 3-wire Honeywell flammable gas detectors such as SignalPoint or SensePoint detectors
- The 4-20 mA version is used with 4-20 mA, 2 or 3-wire Honeywell detectors and is compatible with a wide variety of all brands gas detectors

Codification

Description	Code
MV input module (SignalPoint, SensePoint)	2106B1000
mA entry module	2106B2000