

► TouchPoint Plus

8-channel gas detection unit, extendable to 16 channels



Technical specifications

Capacity: Up to 8 channels with a base unit, up to 16 channels with an expansion unit (wall mounting)

Type of inputs: 2 or 3 wires, 4-20 mA or Wheatstone mV bridge

Power supply: 110/220 Vac, 50-60 Hz or 18 to 32 Vdc (+/- 10%)

Basic I / O modules: 4 relay outputs + 2 digital inputs
I / O modules available (8 channels maximum):

- 4-20 mA inputs: 2 or 3 wires, 2/4/8 channel modules
- mV inputs: 3 wires, 2/4/8 channel modules
- Mixed inputs: 2-channel mA modules + 2 mV channels & 4 + 4 module
- Relay outputs: 12 or 24 configurable relay modules
- Communication: RS485 Modbus RTU / Modbus HTTP/TCP/ IP

Screen: 7" LCD color touchscreen with GUI

Visual indicators: 3 LED indicators for basic indications

Audible alarm: ≥ 70 dB at 1 m

History: Configuration, events and data saved on SD card

Battery: Internal 22.2 V lithium-ion battery, capacity 2600 mAh (> 30 minutes for typical systems)

Material: Polycarbonate ABS housing

Dimensions / Weight: 426 mm × 300 mm × 156 mm / 8,5 kg

Protection index: IP65 and NEMA 4X

Cable feed and outfeed: 13 pre-drilled and sealed cable entries for PG16 / M20 cable glands

Environnement:

Operating temperature: -10 °C to +55 °C continuous

Humidity: up to 95% non-condensing

Certifications:

- EMC: according to EN 50270: 2015x
- Safety: IEC 61508: 2010 Ed.2 SIL2, EN50271:2010
- Marine MED (Item number: 3.54)

Product description

The TouchPoint Plus is an easily configurable multi-channel gas detection unit that supports up to 8 gas detectors. Its very intuitive user interface and modular approach allow it to respond to most industrial applications.

This controller unit has many advantages such as great flexibility with a wide choice of input / output modules, a very intuitive color touch screen for better analysis and an SD card for data recording and archiving.

► Intuitive user interface

With its intuitive and ergonomic touch interface, the TouchPoint Plus is particularly simple to implement. All information is accessible by icons in a familiar environment which simplifies operation and reduces training needs. The information is displayed clearly and concisely on the backlit color screen.

► Many input / output modules

The TouchPoint Plus accepts many input / output modules that allow you to customize and configure the control panel to suit most applications. A database of gas detectors integrated into the control unit enables faster configuration and commissioning.

An extension module can be added allowing the controller unit to control up to 16 gas sensors. The configuration of the control unit as well as the recording and archiving of the measurements are stored on an SD card for better traceability of the process.

► The TouchPoint Plus controller advantages

- Up to 16 gas detectors with the 8-way extension module
- 7" color touch screen user interface
- Recording and archiving of measurements on SD card
- Very resistant case, waterproof and dustproof
- Built-in backup battery for continuous operation
- Powered outputs, dedicated to flashes and sirens
- TCP / IP and Modbus communication protocols available

