

Detectors
Infrared flammable gas detector you can trust

Nimbus



Nimbus

Nimbus is compact and lightweight but rugged. Maintenance is simple, and because it is compatible with handheld and laptop computers, units can be checked by a single engineer.

It can be integrated into existing systems with ease. Nimbus protects staff and property without making your life complicated.

Rugged & reliable

Nimbus has been designed to be lightweight but tough.

Even in the dirtiest conditions Nimbus still functions. The optics operate at up to 90% obscuration. While still detecting gas, at 75% obscuration a dirty optics warning flashes so you know when to clean Nimbus.

Dust and water ingress are not a problem either as Nimbus is rated IP66 and IP67. Allied to this Nimbus has full approvals from both EUROPE and North America.

Nimbus has a MTBF of 10 years. This figure has been independently assessed using the MIL Handbook 217F/2/12/91

In short you can rely on Nimbus to protect you.

One man calibration

Nimbus is compatible with Windows software, which means that a Windows compatible portable PC can be used to check gas levels, find faults and change configurations in the field. Only one person is required to do this.

Nimbus is fitted with an optical Communications Interface Module, to allow connection of a PC without opening the detector.

For detectors installed in a hazardous area, the configuration and status can be checked remotely using the Modbus serial link.

Simple maintenance

Nimbus has a local external status light which shows, at a glance, if the unit is in normal function or fault. When a hazard is detected it indicates both rising gas and alarm levels.

The status light clearly indicates 22 further conditions for instant diagnosis.

Nimbus is simple to use even in inaccessible areas. A duct mounting plate is available, which incorporates a remote gassing port to allow calibration checking without requiring entry into the duct.

Flexible installation

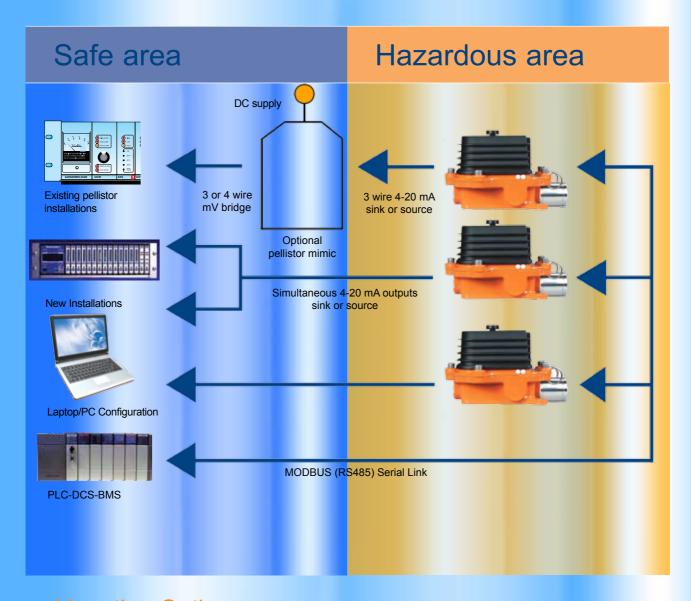
Nimbus can be integrated into existing situations with ease. It has a RS485 output and dual redundant 4-20mA outputs, compatible with metric and imperial armoured cable and conduit.

The Modbus serial link allows addressable detectors to be looped providing a remote control and interrogation facility.

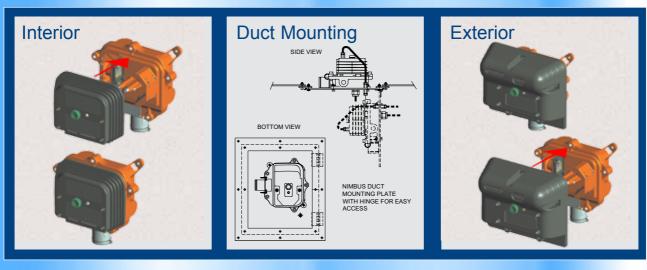
For facilities where Nimbus is replacing a pellistor based detector the pellistor mimic means that existing cabling can be retained to reduce upgrade costs.

Nimbus, the total system solution

It can interface with any standard control system, or combination of systems, new or old.



Mounting Options



Nimbus

Infrared flammable gas detector





sales@norrscope.com

Totally immune to all catalyst poisons

Gas detection standard EN50270 RF emissions EN50081-2 RF immunity EN50082-2

General immunity

Electromagnetic compatibility