FREEDOM

The Instinct of Detection



THE NEW GENERATION OF GAS DETECTORS

TELEDYNE

Gas and Flame Detection

FREEDOM

THE NEW GENERATION OF GAS DETECTORS

Designed to meet the long-term needs of industrial users, the **FREEDOM** line is based on a common, scalable architecture that simplifies installation, operation, and maintenance.

With its three models - GP, XP, **and** Xi - it allows you to choose the level of performance and features suited for each application, while offering a solution capable of evolving with your needs and technologies.



AN INTEGRATION OF INTELLIGENCE AND RELIABILITY



TOTAL VERSATILITY

A single platform compatible with numerous technologies for seamless detection of toxic, flammable, oxygen, and refrigerant hazards...

OPTIMIZED MAINTENANCE DESIGNED FOR THE FUTURE

A Single Electronic architecture across the entire range enables standardization of parts, simplifies service calls, and reduces the total cost of ownership.
This common architecture on all three models is designed to accommodate any future hardware and software upgrades.

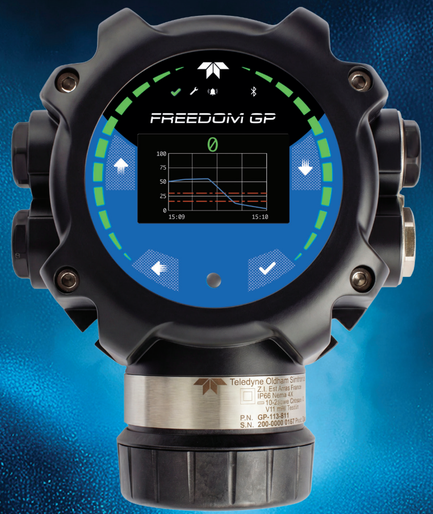
SMART CONNECTIVITY

Configuration, calibration, diagnostics, and automatic certificate generation directly from the GF Sync Bluetooth app.

IMMEDIATE VISIBILITY

A multicolor display and peripheral LEDs allow you to immediately identify normal operation, any fault, or alarm even from a distance.

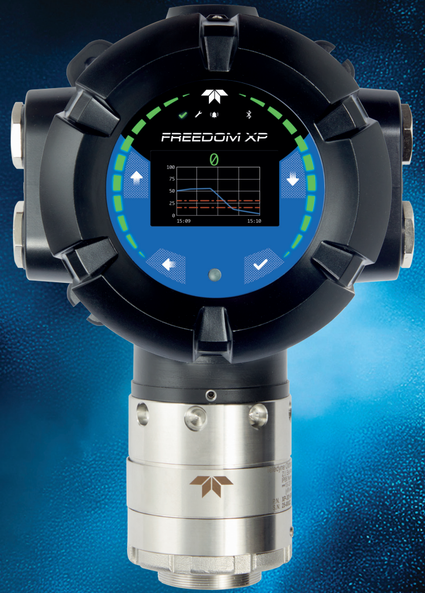
FREEDOM GP



THE ULTIMATE VERSATILITY

The **FREEDOM GP** is the universal solution for gas detection in general industry, industrial utilities, commercial and industrial refrigeration, laboratories and research centres, waste water and water treatment facilities. Rugged, easy to deploy, and equipped with highly legible visual alerts, it combines efficiency with ease of use.

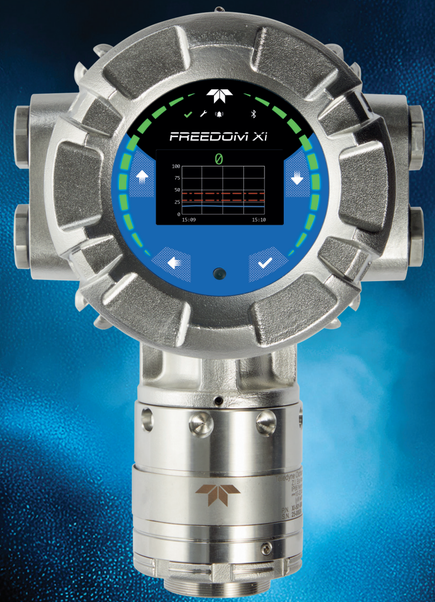
FREEDOM XP



SECURITY BUILT INTO EVERY DETAIL

Designed for installation in explosive atmospheres, the **FREEDOM XP** meets the most demanding certifications for performance and functional safety (SIL2/SC3). Its robustness and reliability make it an indispensable ally for the Upstream applications in offshore oil and gas, energy, and heavy industrial sectors.

FREEDOM Xi



EXCELLENCE IN ACTION

A true technological powerhouse, the **FREEDOM Xi** is designed for the most demanding applications. Compatible with a very wide range of detection technologies, it can be equipped with a dual cartridge, addressable communication options, and relay outputs. Its certified HotSwap feature, which allows the cartridge to be replaced while the system is powered in a hazardous area, ensures maximum service continuity while reducing the total cost of ownership (TCO).



GF SYNC
The app that simplifies detection

Available free on the App store and Google Play, the GF Sync app revolutionizes the use of gas detectors by providing intuitive and instant access to all the **FREEDOM's** features. Field data can then be utilised to enhance safety and optimise maintenance.

- **Quick configuration**: set up your detectors in just a few clicks and save the configurations for easy, error-free replication.
- **Simplified calibration**: perform reliable and fully traceable through a guided, step-by-step process.
- **Optimised maintenance**: access event history, monitor sensor diagnostics and facilitate plan maintenance schedules proactively.
- **Digitalised monitoring** : automatically generate calibration certificates that can be exported as .pdf or .csv files.
- **Enhanced cybersecurity**: secure, encrypted communications, compliant with the latest and most stringent cybersecurity standards.

With GF Sync, deployment and operation become faster, safer and more efficient.
Your safety, at your fingertips.

Download
the app for free

DISCOVER

TELEDYNE
Gas and Flame Detection

GF306544-EN - Teledyne Gas and Flame quality assurance programmes demand the continuous assessment and improvement of all our products.
Information in this leaflet could thus change without notification and does not constitute a product specification.
For more information, please contact us or your company representative.