



When Safety Matters

Salwico detectors

Salwico

Fire detector range

Salwico detector range

for reliable Fire Detection

The most vital and sensitive part of a Fire Detection System are the smoke and fire sensing devices. Reliability is of paramount importance and is the back bone of any system's durability.



The Evolution detector range is the latest generation of detectors and provides extremely accurate and reliable detection for all types of fires.

With key features like; Adaptive Sensitivity, Algorithmic Alarm Evaluation and our unique Dual Wavelength Detection Technology, the detectors have the capability to discriminate a false alarm from the presence of real smoke and thereby provide the best protection and safety for human lives and property.

Automatic sensor test together with automatic pollution compensation are other additional advanced features that ensure a top quality performance of all detectors during their operational lifespan.

Less Contamination with high quality detectors

Tested in Japan to comply with high standard requirements, detectors from the Evolution detector range has proven to be highly resistant to unit failure caused by contamination or pollution.

Wide choice of sensor types

Designed and adopted for heavy duty applications in marine environments, the Evolution detector range of detectors offers a wide choice of sensors providing optimal solutions for all potential risks and locations of the vessel.

Most powerful loops ever designed

Using FSK (Frequency Shift Keying) Protocol as the communication method permits up to 254 Evolution detectors on a loop cable up to 3.000m in length

High resistance to external interference allows loop cables to be run through harsh environments, and due to the FSK there are no special requirements for the loop cable.

Integration of local buzzers and a variety of control and indication modules on the loop is another key benefit of the FSK protocol.

WIDE CHOICE OF SENSOR TYPES

EV-P	Optical Smoke Detector Accommodation, engine rooms and cargo spaces.	EV-AD-2	Address Programmer Tool For soft-addressing the Evolution Range detectors.
EV-DP	Dual Optical Smoke Detector Harsh environments where false alarms are provoked by incombustible particles such as steam, ash and dust.	EVC-IR	Conventional Dual Infrared Flame Detector For engine rooms and harsh environment. Visibility through black smoke. Fast reaction.
EV-DPH	Dual Optical Smoke and Heat Detector Harsh environments where false alarms are provoked by incombustible particles such as steam, ash and dust where even heat detection is required.	EV-BI & EV-SPB-BI	Base Adapter with SCI and address unit For conventional detectors on analogue/addressable systems.
EV-PH	Combined Optical/Heat Detector Accommodation, engine rooms and cargo spaces where even heat detection is required.	EV-PS	Optical Smoke Detector with Sounder and SCI Developed for use as accommodation stateroom detector.
EV-H-AIS	Static Response Temperature Heat Detector Cargo spaces and cold store rooms.	EVC-PY-IS	Conventional Intrinsically Safe Optical Smoke Detector. Latest generation of IS detectors. Feasible for Ex-Zone 0.
EV-H-CS	Static Response Temperature Heat Detector Galleys, stores and other harsh environments.	EV-PP	Optical Smoke and Heat Detector Multi protocol detector; substitute for obsolete previous generations of detectors.

Simple installation

Using the advantage of individually addressable detectors featured in the Evolution detector range, loops can be just partly installed and commissioned on different occasions.

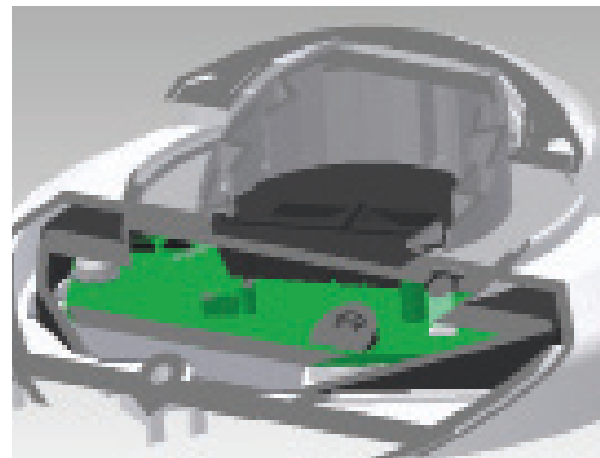
Cabling is fully independent of device addressing and sensors are spared of pollution and damages caused during installation.

It is also possible to leave the first detectors in commissioned areas of the vessel as an actual on-site protection during the construction phase.

Reconfiguration of the loops and numbers of detectors during and after installation is simple and trouble-free. Taking advantage of polarity independent detectors and using digital address programming tool EV-AD wrong addressing of detectors is avoided and troubleshooting time minimized.

Innovative technology

Finally; since the Dual Wavelength Optical Smoke Detection method efficiently eliminates false alarms it



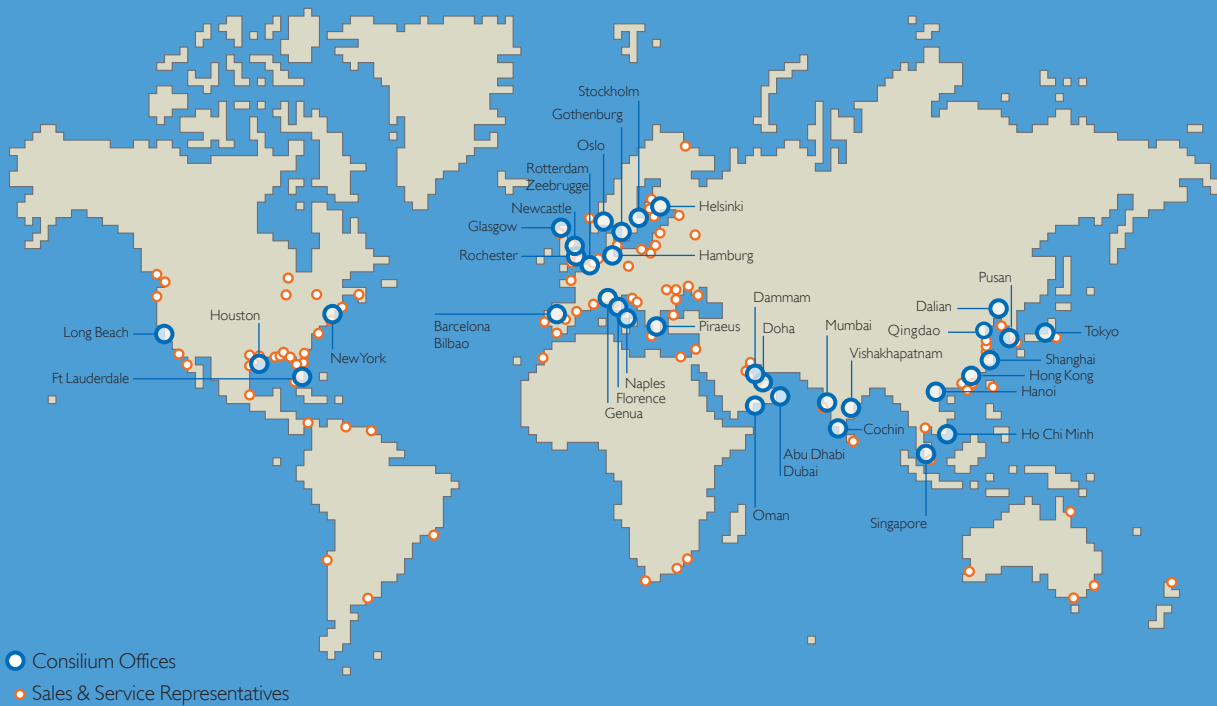
provides a tremendous and unique contribution to over all reliability of the entire fire detection system and offers truly trouble-free operation and safety management.

OMNIVIEW™ - is the unique solution of alarm indication status using 360°LED indication, allowing position-free installation of detector and quick localization of the alarm.

Soft-addressing using the EV-AD addressing tool enables trouble-free addressing of detectors from the Evolution detector range and saves a lot of unnecessary troubleshooting and considerably reduces installation time.



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