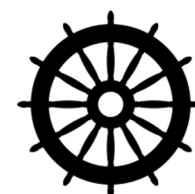


## FS12 MARITIME FIRE ALARM & SUPPRESSION

### FS12 IMO1270 approved

The FS12 system is a DNV (Det Norske Veritas) approved fire alarm & suppression system. The design of the FS12 system is based on the requirements described in the IMO MSC.1/Circ.1270. The FS12 system is a fire alarm & suppression system consisting of two main components. It has been specifically developed for controlling dry condensed aerosol suppression systems for the maritime sector. The FS12 system is, therefore, suitable for use in both small and large fire suppression systems. Certificate No: TAA00000D3



The FS12/MAIN/D is the fire suppression control unit and is equipped with a double and therefore redundant installed ring system.

The FS12/SUB is the decentralized control unit in the FS12 system. This ensures the electrical actuation of the aerosol suppression units. One FS12/SUB unit is required per suppression unit. The FS12/SUB units, which are connected to the loop system, are constantly monitored for short circuits and wire breaks. A maximum of 50 aerosol suppression units can be connected to one system

In addition, a separate fire release button is available when it must be possible to remotely activate the fire extinguishing system from another location.

With the FS12 test unit, functionality is tested after the installation is completed or during maintenance. The FS12 tester gives a good indication of the nominal state of the system. Extinguishing units are not activated during the test, but the required power of the installation is checked. Connected to the sub unit, all vital functions are extensively tested and possible errors are displayed.



### Specification FS12 Fire Suppression Control Unit

Dimensions h x b x d	179,2x199x109,5mm
Degree of protection	IP66
Power supply	2x24Vdc (-25% / +30%)
Activation current	850mA
Quiescent current	<3.5A
Alarm current	<0.5A

### Sub unit B

Article number	KG/FS12/SUB/B
Dimensions h x b x d	80 x 125 x 57mm
Degree of protection	IP66

### External release

Article number	KG/FS12/Remote
Dimensions h x b x d	82 x 80 x 88 mm
Degree of protection	IP66

The KG / FS12 / MAIN / D version is specifically developed for K&G. In addition to additional functions, this KG version also has a provision that, in the event of a complete power failure, a fault message is always guaranteed. In combination with the KVB fire extinguishing units, which are specially prepared for coupling with an FS12 system, it makes an ideal but above all reliable and fire extinguishing combination.

## FS12 MARITIME FIRE ALARM & SUPPRESSION

### Principle diagram

This is a diagram of operating principles of the FS 12 fire / extinguishing installation. This diagram is intended to be supportive, but is not intended and suitable for technical implementation.

