Daniamant

DAN M4-A / W4-A Lifejacket Light





Strap mount



Recessed mount



Hose mount

Description

The DAN M4-A is a flashing lifejacket light which is activated manually. The DAN W4-A can be activated manually or by water sensor.

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M4 W4 IMI ver. 4 (D0647)

Installation

The DAN M4-A / W4-A lifejacket light is for use on all types of lifejackets.
The DAN M4-A / W4-A light can be supplied with fixing clips or a recessed housing. The clips is intended to be placed behind a strip of lifejacket material or reflective tape or clipped on to the tube of an inflatable lifejacket: the light is secured by pressing it into the clip.
The recessed housing is designed to be fitted into a cut out on a foam lifejacket.
An illustration showing a typical attachment methods is shown
It is the responsibility of the lifejacket manufacturer to ensure that the light is attached securely and is in the correct position on the lifejacket to provide maximum visibility when the wearer is in the water.



Strap mounted example



Recessed mounted example

Operation

The DAN W4-A is switched on automatically when the sensor is immersed in water; no user action is required. The light can be switched on and off by operating the clearly marked switch on the top of the surface for at least 1 second. The DAN M4-A is operated by the manual switch only.

*Manual operation requires the user to press and hold the switch for at least 1 second : when turning the light on it will emit 2 flashes in quick succession indicating it is going in to flash mode and that the switch now can be released. Turning the light off; press and hold the switch for 1 second the light will emit a steady light when pressed. Now release the switch and the light will turn off.

Maintenance, Routine service

DAN M4-A / W4-A units are maintenance free, but the following cheks should be made annually:

1. Inspect the light and its attachment for signs of damage or corrosion.
2. For DAN W4-A, a test probe (Daniamant Part No. 1990) can be used to test the water sensor switch. Alternatively a paper clip may be applied to the two water contacts.
3. For DAN M4-A DAN W4-A, test the light by operating the switch as described above * The light must flash. Operate the switch again, and the light must stop flashing.

It is recommended that the light is activated for one minute.

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Life

The storage life of the DAN M4-A / DAN W4-A batteries is five years from the date of manufacture; the expiry date is clearly marked on the unit. On expiry the light should be carefully removed, and a new DAN M4-A / W4-A fitted.

Safety

Store between –30 ˚C and +65˚C

Health and Safety information

Daniamant marine safety light systems have a design life of 5 years. The batteries are hermetically sealed pressurised primary Alkaline/Manganese cells, and as supplied are environmentally protected by a moulded plastic housing. In this condition the units poses no definable hazard to health.

Information on the composition and behaviour of these products is contained in the Product Safety Data Sheet , available from our website **www.daniamant.com** or on request.

Product Disposal Instructions

Daniamant´s Survivor Location Lights contain batteries as well as electrical and electronic components, and must therefore be segregated from the domestic waste stream and recycled. Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling. Daniamant´s lights are marked with the symbol below which conveys that this waste must be treated separately from household waste.

To ensure compliance with the WEEE and Battery Regulations, the Survivor Location Lights placed on the market in the UK or Denmark should be returned to Daniamant in the UK or Denmark, or disposed in your nearest WEEE Designated Collection Facility, operated by your Local Authority.



Further copies of this installation and maintenance instructions are available to download from our website www.daniamant.com

A copy of these instructions must be held with the ships/owners training manual.