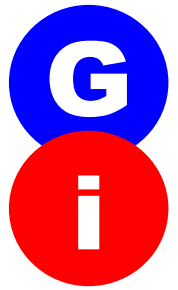


Galvanic Isolator

Gi50/16/HS, Gi50/16/SA/HS,
Gi-120/P/HS, Gi-120/P/SA/HS



Fitting your Galvanic Isolator is a quick & easy job. You will need the following items:

- An electric drill
- A 4.2 or 3.2mm drill bit (size is critical)
- A screwdriver
- Oil to lubricate the drill

Your packaging contains:

- 1 x Galvanic Isolator
- 3 x "P" clips
- 3 x Normal self tapping screws
- 3 x High Security self tapping screws



Diagram A

Choice of fixings: You can fix your isolator in two ways.

- 1) Using the standard self tapping screws. If you choose this method, your isolator will be secure against the opportunist thief, but it will not be covered by our free replacement guarantee, since it could be removed by someone with normal tools.
- 2) The preferred option is to use the High security self tapping screws. These screws, once inserted, are extremely difficult to remove. If you use this method of fixing, with three "P" clips, we will replace your isolator if it gets stolen. Please see overleaf.

The following instructions assume you are using method 2.

The isolator can be mounted vertically, horizontally, or at any other angle. Although it is waterproof, it is recommended that it, and the connectors are sited as to be protected against the weather.

Locate the isolator such that the cable can be plugged into the boat without being under tension.

Using the marks on the template overleaf, drill three holes (4.2mm \varnothing for standard fixings or 3.2mm \varnothing for security screws). **The hole size is critical.** If it's too small, the screws will be difficult to fit. If the hole is too large, the thread may strip.

Take care when drilling the holes that there is nothing behind the surface that might be damaged.

Before positioning the isolator, screw the STANDARD self tapping screws into the holes to cut the threads. Use a little oil to lubricate. If the screws are tight, insert them 1/4 turn at a time until they are fully home. Now remove the standard screws.

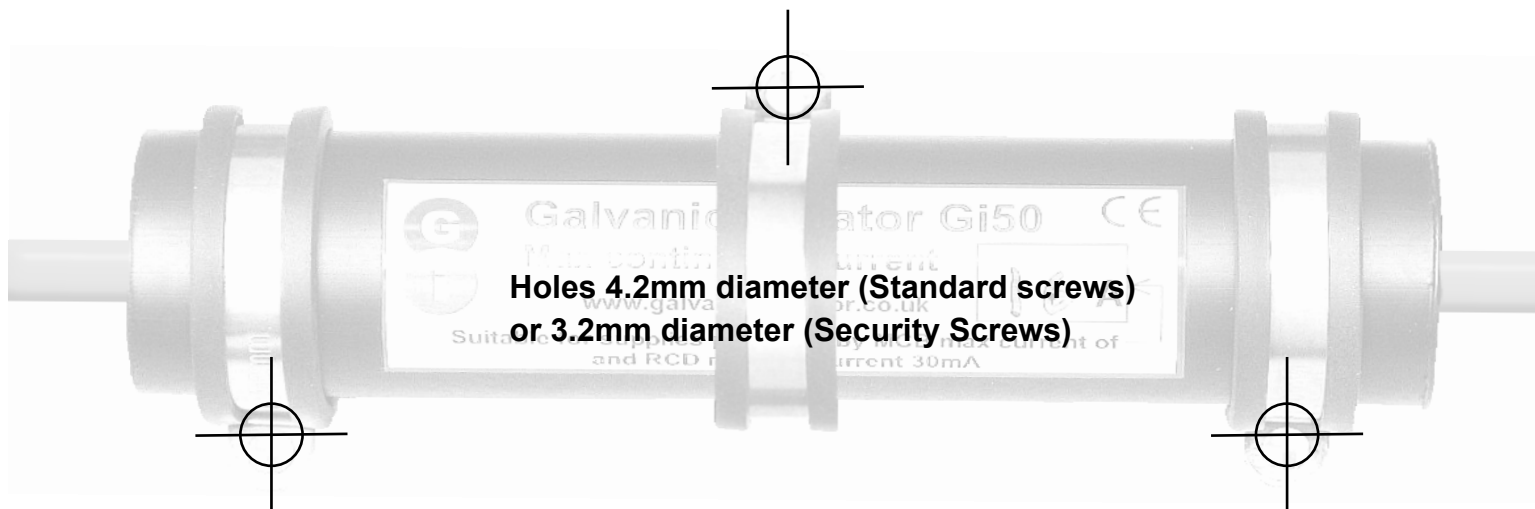
Place the "P" clips on the isolator, as in Diagram A above (note orientation of the clips), and insert the **centre** High Security Screw LOOSELY - do not tighten yet. Now insert the other two High Security Screws LOOSELY. It will still be possible to move the isolator to centre it within the clips. When you are happy with the position of the isolator, tighten the High Security



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Drilling Template



Typical Installation

IMPORTANT:

To prevent water ingress, before installation, and periodically, check Gland Nuts on both ends for tightness (Blue in photo). They should be as tight as possible **USING HAND FORCE ONLY**.



Anti-Theft guarantee

Your isolator will be replaced on a single occasion if it is stolen, subject to the following conditions.

- 1) Your isolator must have been fixed to a substantial metal structure in a place to which the public have no normal access. i.e., on your boat.
- 2) It must be fixed using the High Security Screws provided.
- 3) We may request proof of installation - please take a photo when you complete the installation.
- 4) We may request a crime number. Please ask for this when reporting the incident to the police.